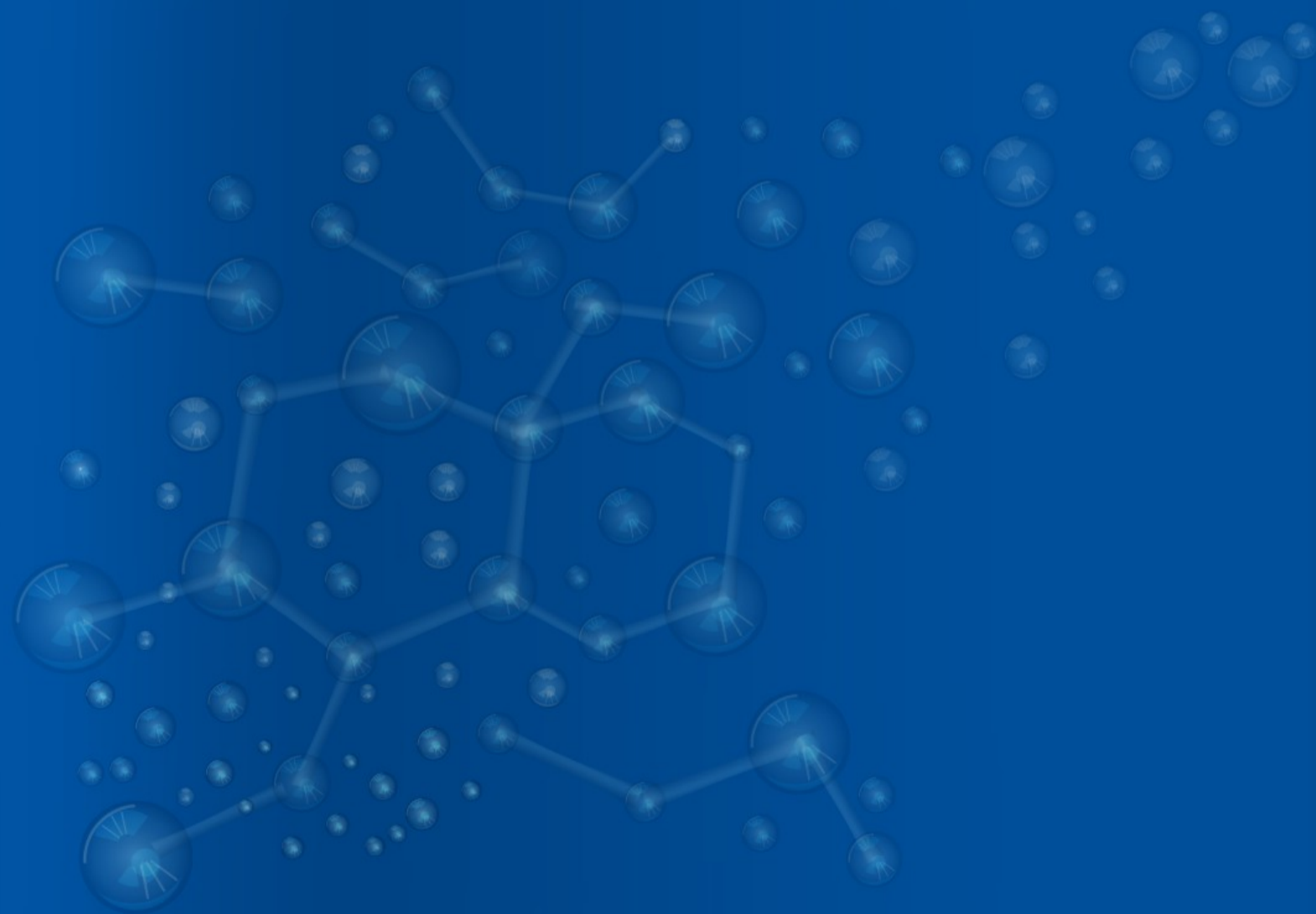




硅橡胶应用方案

SILICONE RUBBER SOLUTION



广东南钜硅材料科技有限公司
东莞市南钜高分子材料有限公司
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南钜·硅橡胶应用方案 139 2570 5524



Company Profile 公司概况

南钜硅橡胶成立于2007年，是专业从事特种硅橡胶研发、生产、销售和服务为一体的综合应用方案提供商，旗下包括广东南钜硅材料科技有限公司和东莞市南钜高分子材料有限公司。广东南钜致力于提供各种液体硅橡胶应用方案，东莞南钜致力于提供各种特种固体硅橡胶应用方案。公司位于东莞市桥头镇，拥有13000多平方的现代化厂房以及多条硅橡胶自动生产线，设计产能28000吨/年，其中HCR产能12000吨/年，LSR产能8000吨/年，另外硅油产能8000吨/年。南钜科研力量强大，拥有20多位经验丰富的科研人员，先进的研发仪器设备，设置有机硅材料研究室；严格的质量控制体系，通过ISO9001认证，实现从原料到成品每个环节的可追溯；现代化的生产车间，完善的ERP管理系统，标准的工艺配方实现生产过程的精准控制。南钜以匠心精神做好每批次产品，为公司的发展提供了坚实的质量保证。

欢迎广大客户朋友来了解南钜，与南钜携手合作开拓进取，共创有机硅行业领域新天地。

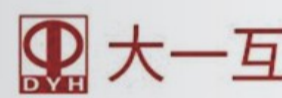
NANJU silicone was established in 2007, is a specialized integrated provider of silicone rubber R&D, production, sales and service. Composed of GUANGDONG NANJU SILICONE MATERIAL TECHNOLOGY CO., LTD and DONGGUAN NANJU POLYMER MATERIAL CO., LTD. GUANGDONG NANJU committed to provide various solutions for liquid silicone rubber (LSR), DONGGUAN NANJU committed to provide various solutions for special HCR. Company located in Qiaotou town Dongguan city, has more than 13000m² modern factory and multiple automatic silicone material production lines. Factory designed max production capacity is 28000 tons/year, included 12,000 tons/year of HCR, 8,000 tons/year of LSR, and 8,000 tons/year of silicone oil. NANJU has strong scientific research ability, with more than 20 experienced researchers and advanced R&D equipment, established specialized silicone material research and test room. NANJU has strict quality control system, passed ISO9001 certification, realized traceability of each production link from raw materials to finished products, modern production workshops, perfect ERP management system, standard process formulas to achieve precise control of the production process. NANJU make every batch of products by heart and original spirit which provides a solid quality assurance for our development. Welcome customers and friends to learn about NANJU, and cooperate with NANJU to forge ahead and create a new world in the silicone industry.

服务热线: 139 2570 5524 张先生 | 付中炯

Certificates 资质证书



Partners 合作客户





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Production Equipments 主要设备



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Testing Equipments 检测设备



反

NJ-LSR20 AB系列 液体胶

特点

本系列产品为适用于注射成型工艺的铂金催化加成型双组份普通沉淀液体硅橡胶。

- 硫化速度快, 效率高。
- 与色浆相容性好, 易上色。
- 优良的回弹性。
- 优良的热稳定性和耐候性(使用的温度-60°C ~ 200°C)。
- 耐热老化。
- 良好的流动性和注射性。



应用

普通的工业杂件、厨具、O型圈、硅胶礼品、玩具等。

性能参数

物理性能	测量设备	测试方法	单位	指标值					
				NJ-LSR2020	NJ-LSR2030	NJ-LSR2040	NJ-LSR2050	NJ-LSR2060	NJ-LSR2070
产品型号				NJ-LSR2020	NJ-LSR2030	NJ-LSR2040	NJ-LSR2050	NJ-LSR2060	NJ-LSR2070
外观				半透	半透	半透	半透	半透	半透
粘度	粘度测量仪		mPa.s	500,000	500,000	600,000	600,000	600,000	600,000
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	20	30	40	50	58	67
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	5	5.5	6.5	6.5	5.5	5
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	500	450	400	300	250	200
撕裂强度Die C	电子拉力试验机	GB/T 529-2008	KN/m	10	12	15	20	15	12

加工工艺

混合比例	1比1质量混合。
检测条件	模温120°C, 时间5分钟。

包装贮存

包装描述	小桶20公斤/桶, 大桶200公斤/桶。
贮存环境	室温30°C或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	12个月, 6个月内使用更佳。

NJ-LSR20 AB SERIES LSR

Features

This series applies to platinum cured addition type two-component common precipitation liquid silicone rubber for injection molding process.

- Fast curing speed, high efficient.
- Excellent intermiscibility with color paste, easy coloring.
- Excellent rebound resilience.
- Excellent heat stability and weather fastness (used temperature: -60°C ~ 200°C).
- Heat aging resistance.
- Excellent mobility and injection.



Applications

Common industry sundries, kitchen appliances, O ring, silicone rubber gifts and toys.

Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data					
				NJ-LSR2020	NJ-LSR2030	NJ-LSR2040	NJ-LSR2050	NJ-LSR2060	NJ-LSR2070
Model				NJ-LSR2020	NJ-LSR2030	NJ-LSR2040	NJ-LSR2050	NJ-LSR2060	NJ-LSR2070
Appearance				Subtransparent	Subtransparent	Subtransparent	Subtransparent	Subtransparent	Subtransparent
Viscosity	Viscometer		mPa.s	500,000	500,000	600,000	600,000	600,000	600,000
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	20	30	40	50	58	67
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	5	5.5	6.5	6.5	5.5	5
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	500	450	400	300	250	200
Tear Strength Die B	Electronic Tension Tester	GB/T 529-2008	KN/m	10	12	15	20	15	12

Processing Technic

Mixing Ratio	1:1 weight mixing.
Test Condition	Mold temperature 120°C, cured time 5 minutes.

Package & Storage

Package	20Kg/Pail, 200Kg/Drum.
Storage Condition	Room temperature less than 30°C, do not contact water, avoid sun exposure.
Expiry Date	12 months, finish within 6 months is the best.



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NJ-LSR21 AB系列 液体胶

特点

本系列产品为适用于注射成型工艺的铂金催化加成型双组份液体硅橡胶。

- 硫化速度快, 效率高。
- 根据产品要求选择打击寿命(次数)。
- 优良的回弹性。
- 优良的热稳定性和耐候性(使用的温度-60°C ~ 200°C)。
- 脱模性良好。
- 制件尺寸稳定。
- 良好的流动性和注射性。

应用

电子产品按键、各类单KEY、片KEY。



性能参数

物理性能	测量设备	测试方法	单位	指标值		
				NJ-LSR2140	NJ-LSR2145	NJ-LSR2088
产品型号				NJ-LSR2140	NJ-LSR2145	NJ-LSR2088
用途				普通按键	普通按键	高寿命按键
外观				半透	半透	半透
粘度	粘度测量仪		mPa.s	80,000	80,000	80,000
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	40	43	43
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	5.5	5.5	7
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	320	300	350
撕裂强度Die C	电子拉力试验机	GB/T 529-2008	KN/m	12	12	15

加工工艺

混合比例	1比1质量混合。
检测条件	模温120°C, 时间5分钟。

包装贮存

包装描述	小桶20公斤/桶, 大桶200公斤/桶。
贮存环境	室温30°C或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	12个月, 6个月内使用更佳。



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NJ-LSR21 AB SERIES LSR

Features

This series applies to platinum cured addition type two-component liquid silicone rubber for injection molding process.

- Fast curing speed, high efficient.
- Choose the hitting life (times) according to product requirements.
- Excellent rebound resilience.
- Excellent heat stability and weather fastness (used temperature: -60°C ~ 200°C).
- Excellent mold release property.
- Stable product size.
- Excellent mobility and injection.

Applications

Button and key of electronic products, all kinds of single key and sheet key.



Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data		
				NJ-LSR2140	NJ-LSR2145	NJ-LSR2088
Model				NJ-LSR2140	NJ-LSR2145	NJ-LSR2088
Application				Normal Key	Normal Key	Long Life Key
Appearance				Subtransparent	Subtransparent	Subtransparent
Viscosity	Viscometer		mPa.s	80,000	80,000	80,000
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	40	43	43
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	5.5	5.5	7
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	320	300	350
Tear Strength Die B	Electronic Tension Tester	GB/T 529-2008	KN/m	12	12	15

Processing Technic

Mixing Ratio	1:1 weight mixing.
Test Condition	Mold temperature 120°C, cured time 5 minutes.

Package & Storage

Package	20Kg/Pail, 200Kg/Drum.
Storage Condition	Room temperature less than 30°C, do not contact water, avoid sun exposure.
Expiry Date	12 months, finish within 6 months is the best.

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NJ-LSR60 AB系列 液体胶

特点

本系列产品为适用于注射成型工艺的铂金催化加成型双组份普通气相半透明液体硅橡胶。

- 硫化速度快, 效率高。
- 与色浆相溶性好, 易上色。
- 优良的回弹性。
- 优良的热稳定性和耐候性(使用的温度-60°C ~ 200°C)。
- 抗黄变。
- 耐热老化。
- 良好的流动性和注射性。
- 符合FDA、RoHS、LFGB标准。



应用

普通的工业杂件、厨具、电脑/手机/平板周边产品、O型圈、硅胶饰品、玩具等。

性能参数

物理性能	测量设备	测试方法	单位	指标值						
				NJ-LSR6020	NJ-LSR6030	NJ-LSR6040	NJ-LSR6050	NJ-LSR6060	NJ-LSR6070	NJ-LSR6080
产品型号										
外观				半透	半透	半透	半透	半透	半透	半透
粘度	粘度测量仪		mPa.s	800,000	800,000	850,000	850,000	900,000	900,000	1,000,000
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	20	30	40	50	58	68	78
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	5	6	7	8.5	7.5	6.5	6
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	600	650	650	580	450	350	150
撕裂强度Die B	电子拉力试验机	GB/T 529-2008	KN/m	10	15	22	28	32	20	12

加工工艺

混合比例	1比1质量混合。
检测条件	模温120°C, 时间5分钟。

包装贮存

包装描述	小桶20公斤/桶, 大桶200公斤/桶。
贮存环境	室温30°C或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	12个月, 6个月内使用更佳。



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NJ-LSR60 AB SERIES LSR

Features

This series applies to platinum cured addition type two-component common fumed subtransparent liquid silicone rubber for injection molding process.

- Fast curing speed, high efficient.
- Excellent intermiscibility with color paste, easy coloring.
- Excellent rebound resilience.
- Excellent heat stability and weather fastness (used temperature: -60°C ~ 200°C).
- Yellow-stain resistance.
- Heat aging resistance.
- Excellent mobility and injection.
- Comply with FDA, RoHS, LFGB standards.



Applications

Common industry sundries, kitchen appliance, computer/mobile/pad related products, O ring, Silicone rubber decorations, toys etc.

Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data						
				NJ-LSR6020	NJ-LSR6030	NJ-LSR6040	NJ-LSR6050	NJ-LSR6060	NJ-LSR6070	NJ-LSR6080
Model										
Appearance				Subtransparent	Subtransparent	Subtransparent	Subtransparent	Subtransparent	Subtransparent	Subtransparent
Viscosity	Viscometer		mPa.s	800,000	800,000	850,000	850,000	900,000	900,000	1,000,000
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	20	30	40	50	58	68	78
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	5	6	7	8.5	7.5	6.5	6
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	600	650	650	580	450	350	150
Tear Strength Die B	Electronic Tension Tester	GB/T 529-2008	KN/m	10	15	22	28	32	20	12

Processing Technic

Mixing Ratio	1:1 weight mixing.
Test Condition	Mold temperature 120°C, cured time 5 minutes.

Package & Storage

Package	20Kg/Pail, 200Kg/Drum.
Storage Condition	room temperature less than 30°C, do not contact water, avoid sun exposure.
Expiry Date	12 months, finish within 6 months is the best.



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NJ-LSR80 AB系列 液体胶

特点

本系列产品为适用于注射成型工艺的铂金催化加成型双组份普通气相中透液体硅橡胶。

- 硫化速度快, 效率高。
- 透光率较好。
- 优良的回弹性。
- 优良的热稳定性和耐候性(使用的温度-60°C ~ 200°C)。
- 抗黄变。
- 耐热老化。
- 良好的流动性和注射性。
- 符合FDA、RoHS、LFGB标准。
- 低VOC。



应用

婴童用品如: 奶瓶、奶嘴、磨牙棒、原色厨具等。

性能参数

物理性能	测量设备	测试方法	单位	指标值						
				NJ-LSR8020	NJ-LSR8030	NJ-LSR8040	NJ-LSR8050	NJ-LSR8060	NJ-LSR8070	NJ-LSR8080
产品型号										
外观				中透	中透	中透	中透	中透	中透	中透
粘度	粘度测量仪		mPa.s	800,000	850,000	850,000	900,000	950,000	950,000	1,100,000
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	20	30	40	50	58	68	78
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	6	6.5	7.5	9	8	6.5	6
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	750	680	680	600	450	350	150
撕裂强度Die B	电子拉力试验机	GB/T 529-2008	KN/m	10	15	25	30	35	25	12

加工工艺

混合比例	1比1质量混合。
检测条件	模温120°C, 时间5分钟。

包装贮存

包装描述	小桶20公斤/桶, 大桶200公斤/桶。
贮存环境	室温30°C或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	12个月, 6个月内使用更佳。



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NJ-LSR80 AB SERIES LSR

Features

This series applies to platinum cured addition type two-component common fumed transparent liquid silicone rubber for injection molding process.

- Fast curing speed, high efficient.
- Excellent light transmittance.
- Excellent rebound resilience.
- Excellent heat stability and weather fastness (used temperature: -60°C ~ 200°C).
- Yellow-stain resistance.
- Heat aging resistance.
- Excellent mobility and injection.
- Comply with FDA, RoHS, LFGB standards.
- Low VOC.

Applications

Baby products like milk bottle, nipple, teethingers, primary color kitchenware etc.



Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data						
				NJ-LSR8020	NJ-LSR8030	NJ-LSR8040	NJ-LSR8050	NJ-LSR8060	NJ-LSR8070	NJ-LSR8080
Model										
Appearance				Transparent	Transparent	Transparent	Transparent	Transparent	Transparent	Transparent
Viscosity	Viscometer		mPa.s	800,000	850,000	850,000	900,000	950,000	950,000	1,100,000
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	20	30	40	50	58	68	78
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	6	6.5	7.5	9	8	6.5	6
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	750	680	680	600	450	350	150
Tear Strength Die B	Electronic Tension Tester	GB/T 529-2008	KN/m	10	15	25	30	35	25	12

Processing Technic

Mixing Ratio	1:1 weight mixing.
Test Condition	Mold temperature 120°C, cured time 5 minutes.

Package & Storage

Package	20Kg/Pail, 200Kg/Drum.
Storage Condition	Room temperature less than 30°C, do not contact water, avoid sun exposure.
Expiry Date	12 months, finish within 6 months is the best.



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NJ-LSR82 AB系列 液体胶

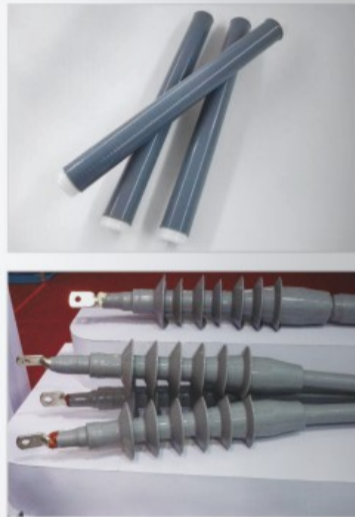
特点

本系列产品为适用于注射成型工艺的铂金催化加成型双组份液体硅橡胶。

- 硫化速度快,效率高。
- 优异的憎水性。
- 优异的定伸永久变形率。
- 优良的热稳定性 (使用的温度-60°C ~ 250°C)。
- 颜色可根据客户需求定制,常规颜色有灰色、红色、黑色。
- 耐漏电起痕1A3.5级。
- 优异的绝缘性和阻燃性。
- 优良的耐候性。

应用

冷缩型电力电缆附件,包含高低中压。



性能参数

物理性能	测量设备	测试方法	单位	指标值				
				NJ-LSR8240S	NJ-LSR8240T	NJ-LSR8240D	NJ-LSR8240Z	NJ-LSR8240P
产品型号				灰色	灰色	灰色	灰色	灰色
外观				灰色	灰色	灰色	灰色	灰色
粘度	粘度测量仪		mPa.s	750,000	750,000	750,000	750,000	750,000
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A0	40	40	40	40	40
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	10	10	10	10	10
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	750	750	750	750	750
撕裂强度Die B	电子拉力试验机	GB/T 529-2008	KN/m	30	30	30	30	30
耐漏电起痕				1A3.5级	1A3.5级	1A3.5级	1A3.5级	1A3.5级

加工工艺

混合比例	1比1质量混合。
检测条件	模温120°C, 时间5分钟。

包装贮存

包装描述	小桶20公斤/桶, 大桶200公斤/桶。
贮存环境	室温30°C或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	12个月, 6个月内使用更佳。



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NJ-LSR82 AB SERIES LSR

Features

This series applies to platinum cured addition type two-component liquid silicone rubber for injection molding process.

- Fast curing speed, high efficient.
- Excellent hydrophobicity.
- Excellent rate of the permanent deformation.
- Excellent heat stability (application temperature: -60°C ~ 250°C).
- Color can be customized, common color: grey, red and black.
- Tracking and Erosion resistance: 1A3.5.
- Excellent insulativity and fire resistance.
- Excellent weatherability.

Applications

Cold-shrink wire and cable accessories, include low middle and high voltage.



Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data				
				NJ-LSR8240S	NJ-LSR8240T	NJ-LSR8240D	NJ-LSR8240Z	NJ-LSR8240P
Model				Grey	Grey	Grey	Grey	Grey
Appearance				Grey	Grey	Grey	Grey	Grey
Viscosity	Viscometer		mPa.s	750,000	750,000	750,000	750,000	750,000
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A0	40	40	40	40	40
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	10	10	10	10	10
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	750	750	750	750	750
Tear Strength Die B	Electronic Tension Tester	GB/T 529-2008	KN/m	30	30	30	30	30
Tracking & Erosion Resistance			Class	1A3.5	1A3.5	1A3.5	1A3.5	1A3.5

Processing Technic

Mixing Ratio	1:1 weight mixing.
Test Condition	Mold temperature 120°C, cured time 5 minutes.

Package & Storage

Package	20Kg/Pail, 200Kg/Drum.
Storage Condition	Room temperature less than 30°C, do not contact water, avoid sun exposure.
Expiry Date	12 months, finish within 6 months is the best.

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NJ-LSR83 HTAB系列 液体胶

特点

本系列产品为适用于注射成型工艺的铂金催化加成型双组份耐热耐油液体硅橡胶。

- 硫化速度快, 效率高。
- 优异的机械性能。
- 压缩永久变形良好。
- 优良的热稳定性和耐候性(使用的温度-60°C ~ 350°C)。
- 颜色可根据 客户需求定制, 常规颜色为原色。
- 与色浆相溶性好, 易上色。
- 耐油性良好, 可通过IRM901、902、903测试。
- 满足ASTM D2000相关要求。



应用

汽车、新能源车、航天、轨道交通的零配件。

性能参数

物理性能	测量设备	测试方法	单位	指标值	
				NJ-LSR8350HT	NJ-LSR8360HT
产品型号				NJ-LSR8350HT	NJ-LSR8360HT
外观				半透	半透
粘度	粘度测量仪		mPa.s	750,000	800,000
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	50	58
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	9.5	10
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	600	450
撕裂强度Die B	电子拉力试验机	GB/T 529-2008	KN/m	35	45

加工工艺

混合比例	1比1质量混合。
检测条件	模温120°C, 时间5分钟。

包装贮存

包装描述	小桶20公斤/桶, 大桶200公斤/桶。
贮存环境	室温30°C或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	12个月, 6个月内使用更佳。



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NJ-LSR83 HTAB SERIES LSR

Features

This series applies to platinum cured addition type two-component heat and oil resistance liquid silicone rubber for injection molding process.

- Fast curing speed, high efficient.
- Excellent mechanical property.
- Good compression set.
- Excellent heat stability (application temperature: -60°C ~ 350°C).
- Color can be customized, common color is original color.
- Excellent intermiscibility with color paste, easy coloring.
- Excellent oil resistance, pass IRM901, 902, 903 test.
- Comply with related requirements of ASTM D2000.



Applications

Spare and accessory parts of automobile, new energy auto, spaceflight and rail traffic vehicle.

Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data	
				NJ-LSR8350HT	NJ-LSR8360HT
Model				NJ-LSR8350HT	NJ-LSR8360HT
Appearance				Subtransparent	Subtransparent
Viscosity	Viscometer		mPa.s	750,000	800,000
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	50	58
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	9.5	10
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	600	450
Tear Strength Die B	Electronic Tension Tester	GB/T 529-2008	KN/m	35	45

Processing Technic

Mixing Ratio	1:1 weight mixing.
Test Condition	Mold temperature 120°C, cured time 5 minutes.

Package & Storage

Package	20Kg/Pail, 200Kgs/Drum.
Storage Condition	Room temperature less than 30°C, do not contact water, avoid sun exposure.
Expiry Date	12 months, finish within 6 months is the best.

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NJ-LSR83 SLAB系列 液体胶

特点

本系列产品为适用于注射成型工艺的铂金催化加成型双组份自润滑液体硅橡胶。

- 硫化速度快, 效率高。
- 优异的机械性能。
- 压缩永久变形良好。
- 优良的热稳定性和耐候性(使用的温度-60°C ~ 350°C)。
- 颜色可根据 客户需求定制, 常规颜色为乳白色。
- 与色浆相溶性好, 易上色。
- 自润滑效果稳定, 持续时间久。
- 满足ASTM D2000相关要求。



应用

汽车、新能源车、航天、轨道交通的车灯防水密封、其它插拔件。

性能参数

物理性能	测量设备	测试方法	单位	指标值	
				NJ-LSR8340SL	NJ-LSR8350SL
产品型号				NJ-LSR8340SL	NJ-LSR8350SL
外观				乳白	乳白
粘度	粘度测量仪		mPa.s	850,000	1,000,000
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	40	50
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	7	7.5
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	600	500
撕裂强度Die B	电子拉力试验机	GB/T 529-2008	KN/m	25	28

加工工艺

混合比例	1比1质量混合。
检测条件	模温120°C, 时间5分钟。

包装贮存

包装描述	小桶20公斤/桶, 大桶200公斤/桶。
贮存环境	室温30°C或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	12个月, 6个月内使用更佳。



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NJ-LSR83 SLAB SERIES LSR

Features

This series applies to platinum cured addition type two-component self lubrication liquid silicone rubber for injection molding process.

- Fast curing speed, high efficient.
- Excellent mechanical property.
- Good compression set.
- Excellent heat stability (application temperature: -60°C ~ 350°C).
- Color can be customized, common color is milk white.
- Excellent intermiscibility with color paste, easy coloring.
- Excellent self lubrication ability, can last long time.
- Comply with related requirements of ASTM D2000.



Applications

Automobile, new energy automobile, spaceflight, water proof seal parts of rail traffic vehicle light, other easy-plug products.

Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data	
				NJ-LSR8340SL	NJ-LSR8350SL
Model				NJ-LSR8340SL	NJ-LSR8350SL
Appearance				Milk White	Milk White
Viscosity	Viscometer		mPa.s	850,000	1,000,000
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	40	50
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	7	7.5
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	600	500
Tear Strength Die B	Electronic Tension Tester	GB/T 529-2008	KN/m	25	28

Processing Technic

Mixing Ratio	1:1 weight mixing.
Test Condition	Mold temperature 120°C, cured time 5 minutes.

Package & Storage

Package	20Kg/Pail, 200Kg/Drum.
Storage Condition	Room temperature less than 30°C, do not contact water, avoid sun exposure.
Expiry Date	12 months, finish within 6 months is the best.

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NJ-LSR90 AB系列 液体胶

特点

本系列产品为适用于注射成型工艺的铂金催化加成型双组份普通气相高透液体硅橡胶。

- 硫化速度快, 效率高。
- 透光率较好。
- 优良的回弹性。
- 优良的热稳定性和耐候性(使用的温度-60°C ~ 200°C)。
- 抗黄变。
- 耐热老化。
- 良好的流动性和注射性。
- 符合FDA、RoHS、LFGB标准。
- 低VOC。

应用

游泳镜框、婴童用品等高透明制品。



性能参数

物理性能	测量设备	测试方法	单位	指标值						
				NJ-LSR9020	NJ-LSR9030	NJ-LSR9040	NJ-LSR9050	NJ-LSR9060	NJ-LSR9070	NJ-LSR9080
产品型号										
外观				高透	高透	高透	高透	高透	高透	高透
粘度	粘度测量仪		mPa.s	800,000	850,000	850,000	900,000	950,000	950,000	1,100,000
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	20	30	40	50	58	68	78
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	5	6.5	7.5	9	8	6.5	6
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	600	680	680	600	450	350	150
撕裂强度Die B	电子拉力试验机	GB/T 529-2008	KN/m	10	15	25	30	35	25	12

加工工艺

混合比例	1比1质量混合。
检测条件	模温120°C, 时间5分钟。

包装贮存

包装描述	小桶20公斤/桶, 大桶200公斤/桶。
贮存环境	室温30°C或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	12个月, 6个月内使用更佳。



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NJ-LSR90 AB SERIES LSR

Features

This series applies to platinum cured addition type two-component common fumed high transparent liquid silicone rubber for injection molding process.

- Fast curing speed, high efficient.
- Excellent light transmittance.
- Excellent rebound resilience.
- Excellent heat stability and weather fastness (used temperature: -60°C ~ 200°C).
- Yellow-stain resistance.
- Heat aging resistance.
- Excellent mobility and injection.
- Comply with FDA, RoHS, LFGB standards.
- Low VOC.

Applications

High transparent parts like swimming goggles frame, baby products etc.



Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data						
				NJ-LSR9020	NJ-LSR9030	NJ-LSR9040	NJ-LSR9050	NJ-LSR9060	NJ-LSR9070	NJ-LSR9080
Model										
Appearance				High Transparent	High Transparent	High Transparent	High Transparent	High Transparent	High Transparent	High Transparent
Viscosity	Viscometer		mPa.s	800,000	850,000	850,000	900,000	950,000	950,000	1,100,000
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	20	30	40	50	58	68	78
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	5	6.5	7.5	9	8	6.5	6
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	600	680	680	600	450	350	150
Tear Strength Die B	Electronic Tension Tester	GB/T 529-2008	KN/m	10	15	25	30	35	25	12

Processing Technic

Mixing Ratio	1:1 weight mixing.
Test Condition	Mold temperature 120°C, cured time 5 minutes.

Package & Storage

Package	20Kg/Pail, 200Kg/Drum.
Storage Condition	Room temperature less than 30°C, do not contact water, avoid sun exposure.
Expiry Date	12 months, finish within 6 months is the best.



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NJ-LSR95 AB系列 液体胶

特点

本系列产品为适用于注射成型工艺的铂金催化加成型双组份普通气相高透明液体硅橡胶。

- 硫化速度快, 效率高。
- 优良的透光率。
- 优良的回弹性。
- 优良的热稳定性和耐候性(使用的温度-60℃~200℃)。
- 抗黄变。
- 无毒无气味无副产物。
- 良好的生物相容性。
- 符合FDA, RoHS, LFGB, 生物相容性检测标准。
- 低VOC。



应用

医疗器械、如呼吸面罩、呼吸球囊、导尿管、喉管、人体假肢等。

性能参数

物理性能	测量设备	测试方法	单位	指标值					
				NJ-LSR9530	NJ-LSR9540	NJ-LSR9550	NJ-LSR9560	NJ-LSR9570	NJ-LSR9580
产品型号				NJ-LSR9530	NJ-LSR9540	NJ-LSR9550	NJ-LSR9560	NJ-LSR9570	NJ-LSR9580
外观				高透	高透	高透	高透	高透	高透
粘度	粘度测量仪		mPa.s	850,000	850,000	900,000	950,000	950,000	1,100,000
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	30	40	50	58	68	78
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	6.5	8.5	10	10	9	6
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	680	680	600	450	350	150
撕裂强度Die B	电子拉力试验机	GB/T 529-2008	KN/m	15	25	40	45	25	12

加工工艺

混合比例	1比1质量混合。
检测条件	模温120℃, 时间5分钟。

包装贮存

包装描述	小桶20公斤/桶, 大桶200公斤/桶。
贮存环境	室温30℃或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	12个月, 6个月内使用更佳。



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NJ-LSR95 AB SERIES LSR

Features

This series applies to platinum cured addition type two-component common fumed high transparent liquid silicone rubber for injection molding process.

- Fast curing speed, high efficient.
- Excellent light transmittance.
- Excellent rebound resilience.
- Excellent heat stability and weather fastness (used temperature: -60℃~200℃).
- Yellow-stain resistance.
- Non-toxic, odorless and no by-products.
- Excellent biocompatibility.
- Comply with FDA,RoHS,LFGB, biocompatibility test standards.
- Low VOC.

Applications

Medical apparatus and instruments like breathing mask, all kinds of sacculus, catheter, human body artificial limb etc.



Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data					
				NJ-LSR9530	NJ-LSR9540	NJ-LSR9550	NJ-LSR9560	NJ-LSR9570	NJ-LSR9580
Model				NJ-LSR9530	NJ-LSR9540	NJ-LSR9550	NJ-LSR9560	NJ-LSR9570	NJ-LSR9580
Appearance				High Transparent	High Transparent	High Transparent	High Transparent	High Transparent	High Transparent
Viscosity	Viscometer		mPa.s	850,000	850,000	900,000	950,000	950,000	1,100,000
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	30	40	50	58	68	78
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	6.5	8.5	10	10	9	6
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	680	680	600	450	350	150
Tear Strength Die B	Electronic Tension Tester	GB/T 529-2008	KN/m	15	25	40	45	25	12

Processing Technic

Mixing Ratio	1:1 weight mixing.
Test Condition	Mold temperature 120℃, cured time 5 minutes.

Package & Storage

Package	20Kg/Pail, 200Kg/Drum.
Storage Condition	Room temperature less than 30℃, do not contact water, avoid sun exposure.
Expiry Date	12 months, finish within 6 months is the best.

胶辊硅橡胶系列 固体胶

特点

- 良好物理机械性能和加工性能。
- 良好的耐磨性能，一般压力情况。
- 高回弹，低压变。
- 良好的粘接性。



应用

- 适用于高回弹、高耐磨行业胶辊，如地板行业以及机械厂配套设备。
- 适用于耐高温或者一般溶剂环境，如热熔胶、少量DOP和一般弱酸弱碱环境。
- 适用于电晕胶辊的橡胶层，优异耐电弧性能和超强电气击穿强度可以提升产品的使用寿命。在塑料薄膜包装行业和双拉薄膜（BOPP、BOPET、BOPi）行业中，电晕机与电晕胶辊共同完成各种塑料薄膜的电晕处理。

性能参数

物理性能	测量设备	测试方法	单位	指标值							
				RG3232	RG3242	RG3252	RG3262	RG3272	RG3282	RG6363	652DY-70
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	31-35	38-43	47-53	56-61	65-71	75-81	67±3	38-43
比重	比重计	GB/T 533-2008	g/cm ³	1.17±0.02	1.14±0.02	1.18±0.02	1.22±0.02	1.27±0.03	1.30±0.03	1.19±0.02	1.14±0.03
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	≥4.0	≥4.0	≥4.0	≥5.0	≥5.0	≥5.0	≥6.0	≥4.0
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	≥350	≥200	≥200	≥200	≥160	≥100	≥180	≥200
撕裂强度	电子拉力试验机	GB/T 529-2008	KN/m	≥9.0	≥9.0	≥10.0	≥10.0	≥10.0	≥10.0	≥11.0	≥9
冲击回弹	冲击弹性试验机	GB/T 1681-2009	%	≥50	≥55	≥50	≥48	≥42	≥38	/	≥55
压缩永久变形			%	≤13	≤13	≤13	≤10	≤10	≤10	/	≤13
电气击穿强度	击穿强度测试仪	GB/T 1695-2005	KV/mm	/	/	/	/	/	/	/	≥28
颜色	/	目测	/	可定制	可定制	可定制	可定制	可定制	可定制	黄色	灰色

加工工艺

测试试样硫化条件	硫化剂及用量: C-8A×1.2%; 硫化温度/时间: 170°C×6Min。
成型工艺建议	产品适用于常规包辊工艺和挤出包辊工艺, 硫化罐硫化。
压缩变形测试标准	GB/T 7759, A型样, 180°C×22H。

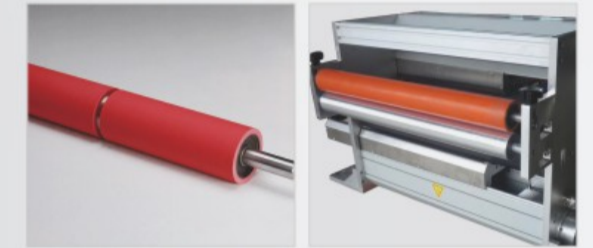
包装贮存

包装描述	20公斤/箱。
贮存环境	室温25°C或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	做有销路6个月, 三个月内使用更佳, 超过有效期限, 经过返炼并检验性能合格后继续使用。

ROLLER SILICONE RUBBER SERIES HCR

Features

- Excellent physical and mechanical properties and processing properties.
- Excellent wear resistance, common pressure condition.
- High rebound, low compression deformation.
- Excellent adhesion.



Applications

- Suitable for rubber rollers with high requirements for rebound resilience and wear resistance, such as flooring industry and other applications in machinery industry.
- Suitable for high temperature resistance or general solvent conditions, such as hot melt adhesive, small quantity of DOP and general weak acid and weak alkali conditions.
- Suitable for the rubber layer of corona rubber rollers. Excellent arc resistance and super dielectric strength can increase the life of product. In plastic film packaging industry and double stretch film (BOPP, BOPET, BOPi) industry, corona machine and corona rubber roller complete the corona treatment of various plastic films.

Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data							
				RG3232	RG3242	RG3252	RG3262	RG3272	RG3282	RG6363	652DY-70
Model				RG3232	RG3242	RG3252	RG3262	RG3272	RG3282	RG6363	652DY-70
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	31-35	38-43	47-53	56-61	65-71	75-81	67±3	38-43
Density	Density Meter	GB/T 533-2008	g/cm ³	1.17±0.02	1.14±0.02	1.18±0.02	1.22±0.02	1.27±0.03	1.30±0.03	1.19±0.02	1.14±0.03
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	≥4.0	≥4.0	≥4.0	≥5.0	≥5.0	≥5.0	≥6.0	≥4.0
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	≥350	≥200	≥200	≥200	≥160	≥100	≥180	≥200
Tear Strength	Electronic Tension Tester	GB/T 529-2008	KN/m	≥9.0	≥9.0	≥10.0	≥10.0	≥10.0	≥10.0	≥11.0	≥9
Impact Resilience	Impact Resilience Tester	GB/T 1681-2009	%	≥50	≥55	≥50	≥48	≥42	≥38	/	≥55
Compression Set	Compression Set Tester	GB/T 7759	%	≤13	≤13	≤13	≤10	≤10	≤10	/	≤13
Dielectric Strength	Dielectric Strength Tester	GB/T 1695-2005	KV/mm	/	/	/	/	/	/	/	≥28
Color	/	Visual Inspection	/	Customized	Customized	Customized	Customized	Customized	Customized	Yellow	Grey

Processing Technic

Sample Cured Condition	Curing agent and quantity: C-8A×1.2%; curing temperature/time: 170°C×6Min.
Process Suggestion	Suitable for common roller coating and extrusion roller coating process, curing by vulcanizer.
Dielectric Strength Test Standard	Comply with GB/T 7759, A shape sample, 180°C×22H.

Package & Storage

Package	20Kg/ Carton.
Storage Condition	Room temperature less than 25°C, do not contact water, avoid sun exposure.
Expiry Date	6 months, finish within 3 months is the best. If expired, can continue to be used after remilling and qualified inspection.

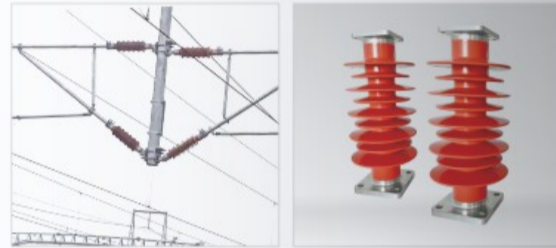


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电绝缘硅橡胶系列 固体胶

概述

产品严格依据DL/T376-2010标准设计生产，通过了中国电力研究院武汉电气设备所以及西安高压电器研究院的检测认证，具有优良的物理机械性能、电气性能、憎水性、耐老化性能、界面良好粘接性及产品表面光泽度优异等特点，本产品已含有硫化剂，加工过程无需另行添加。可根据用户需要提供多种颜色及包装型。



应用

● 适用于注射、模压成型，是生产超高压、高压复合绝缘子、复合避雷器、线路绝缘子等高压输电设备的专用硅胶。

性能参数

物理性能	测量设备	测试方法	单位	指标值					
				152A-60	152A-70	152A-90	152B-60	152C-60	152H-60
产品型号				152A-60	152A-70	152A-90	152B-60	152C-60	152H-60
外观	目视	D65光源下目视	/	灰色/红色/或依客户要求，无杂质					
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	65±5	70±5	88±5	65±5	65±5	57-63
扯断伸长率	电子拉力试验机	GB/T 528-2009	%	≥240	≥180	≥150	≥220	≥220	≥220
扯断强度	电子拉力试验机	GB/T 528-2009	Mpa	≥5.0	≥5.0	≥5.0	≥4.5	≥4.0	≥4.0
撕裂强度	电子拉力试验机	GB/T 529-2008	KN/m	≥12	≥10	≥10	≥10	≥10	≥10
憎水性	静态接触角测试仪	DL-T 376-2010	/	HC1	HC1	HC1	HC1	HC2	HC2
阻燃等级	UL 燃烧测试仪	GB/T 10707-2008	级	V0	V0	V0	V0	V0	V0
电气性能	测量设备	测试方法	单位	指标值					
介电强度	工频耐压测试仪	GB/T 1408.1-2006	KV/mm	≥22	≥22	≥22	≥21	≥20	≥20
介电常数	自动介损测试仪	GBT 1693-2007	F/m	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	3.0-5.0
体积电阻率	高阻仪	GB/T 1692-2008	Ω·cm	≥2×10 ¹⁴	≥2×10 ¹⁴	≥2×10 ¹⁴	≥2×10 ¹⁴	≥1×10 ¹⁴	≥1×10 ¹⁴
耐漏电起痕及电蚀损性	耐漏电起痕测试仪	GB/T 6553-2014	级	TM1A4.5≤2.5mm	TM1A4.5≤2.5mm	TM1A4.5≤2.5mm	TM1A4.5≤2.5mm	TM1A4.5≤2.5mm	TM1A4.5≤2.5mm
介质损耗角正切值	自动介损测试仪	GBT 1693-2007	/	≤6.0×10 ⁻²	≤5.0×10 ⁻²	≤6.0×10 ⁻²	≤4.0×10 ⁻²	≤5.0×10 ⁻²	≤4.0×10 ⁻²
耐UV老化	紫外光耐候气候试验箱	UVA-340	%	Pass	Pass	Pass	Pass	Pass	Pass

加工工艺

测试试片硫化条件	硫化温度/时间: 170°C×6Min。
成型工艺建议	模压/射出: 建议成型实测模温145°C--165°C, 时间5--15分钟, 具体工艺可以根据产品伞径大小及护套厚度进行适当调整, 以达到最佳效果。

包装贮存

包装描述	小纸箱25公斤/箱, 大纸箱500公斤/箱。
贮存环境	室温30°C或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	6个月, 三个月内使用更佳, 超过有效期限, 经过返炼并检验性能合格后仍可使用。

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ELECTRIC INSULATION SILICONE RUBBER HCR

Profile

The product is designed and produced strictly in accordance with DL/T376-2010 standard, and has passed the inspection and certification of Wuhan Electrical Equipment Institute of China Electric Power Research Institute and Xi'an High Voltage Electrical Apparatus Research Institute. It has excellent physical and mechanical properties, electrical properties, hydrophobicity, aging resistance, excellent surface adhesion and gloss of the product. This product already contains curing agent, no need to add additional during the processing. Various colors and packages can be customized.



Applications

Suitable for injection and mould pressing. Special silicone rubber for producing ultra-high voltage, high-voltage composite insulators, composite arresters, line insulators and other high-voltage power transmission equipments.

Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data					
				152A-60	152A-70	152A-90	152B-60	152C-60	152H-60
Model				152A-60	152A-70	152A-90	152B-60	152C-60	152H-60
Appearance	Visual Inspection	Under D65 Illuminant	/	Gray/red/or according to customer requirements, no impurities					
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	65±5	70±5	88±5	65±5	65±5	65±5
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	≥240	≥180	≥150	≥220	≥220	≥220
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	≥5.0	≥5.0	≥5.0	≥4.5	≥4.0	≥4.0
Tear Strength	Electronic Tension Tester	GB/T 529-2008	KN/m	≥12	≥10	≥10	≥10	≥10	≥10
Hydrophobicity	Static Contact Angle Tester	DL-T376-2010	/	HC1	HC1	HC1	HC1	HC2	HC2
Flammability	UL Burning Tester	GB/T 10707-2008	Class	V0	V0	V0	V0	V0	V0
Electrical Properties	Measuring Equipment	Test Method	Unit	Data					
Dielectric Strength	Power Frequency Withstand Voltage Tester	GB/T 1408.1-2006	KV/mm	≥22	≥22	≥22	≥21	≥20	≥20
Dielectric Constant	Automatic Dielectric Loss Tester	GBT 1693-2007	F/m	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	3.0-5.0
Volume Resistivity	High Resistance Meter	GB/T 1692-2008	Ω·cm	≥2×10 ¹⁴	≥2×10 ¹⁴	≥2×10 ¹⁴	≥2×10 ¹⁴	≥1×10 ¹⁴	≥1×10 ¹⁴
Tracking & Erosion Resistance	Tracking & Erosion Resistance Tester	GB/T 6553-2014	Class	TM1A4.5≤2.5mm	TM1A4.5≤2.5mm	TM1A4.5≤2.5mm	TM1A4.5≤2.5mm	TM1A4.5≤2.5mm	TM1A4.5≤2.5mm
Dielectric Loss Angle Tangent	Automatic Dielectric Loss Tester	GBT 1693-2007	/	≤6.0×10 ⁻²	≤5.0×10 ⁻²	≤6.0×10 ⁻²	≤4.0×10 ⁻²	≤5.0×10 ⁻²	≤4.0×10 ⁻²
UV Aging Resisitance	UV Weatherability Test Case	UVA-340	%	Pass	Pass	Pass	Pass	Pass	Pass

Processing Technic

Sample Cured Condition	Curing temperature/time: 170°C×6Min.
Process Suggestion	Mould pressing/injection: suggest measured mould temperature 145°C--165°C for moulding, time 5-15min, specific process will according to the diameter of housing and thickness of bushing to achieve the best.

Package & Storage

Package	Small carton: 25Kg/Carton, big carton: 500Kg/Carton.
Storage Condition	Room temperature less than 30°C, do not contact water, avoid sun exposure.
Expiry Date	6 months, finish within 3 months is the best.If expired, can continue to be used after remilling and qualified inspection.

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气相硅橡胶系列 固体胶

特点

- 良好物理机械性能。
- 良好加工性能。
- 良好产品存储效果。
- 半透明状态，流动性好，不易产生接痕。
- 产品环保，拥有RoHS、Reach等认证。

应用

- 各类生活杂件和厨房生活用品，如蛋糕模、刷子、垫子。
- 各类密封圈和垫片，如水壶垫圈、密封圈、O型圈。
- 常规电线电缆产品。
- 对抗撕有特别要求的地方，如特殊医疗管、新能源充电线或者常规款使用场所对抗撕有更高要求，可以选择高抗撕气相胶。



性能参数

物理性能	测量设备	测试方法	单位	常规款气相胶指标值				高抗撕气相胶指标值	
				NJ-2130	NJ-2150	NJ-2170	NJ-2180	NJ-2550	NJ-2570
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	27-33	47-53	67-73	75-82	47-53	66-72
比重	比重计	GB/T 533-2008	g/cm ³	1.09±0.02	1.15±0.02	1.2±0.02	1.21±0.02	1.17±0.02	1.22±0.02
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	≥8.0	≥8.5	≥8.5	≥8.5	≥8.5	≥8.5
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	≥500	≥400	≥300	≥200	≥400	≥300
撕裂强度	电子拉力试验机	GB/T 529-2008	KN/m	≥12	≥18	≥18	≥18	≥30	≥30

加工工艺

测试试样硫化条件	硫化剂及用量: C-8A×1.2%; 硫化温度/时间: 170°C×10Min。
成型工艺建议	适用于模压、挤出和压延工艺。

包装贮存

包装描述	20公斤/箱。
贮存环境	室温25°C或者更低温度下贮存，避免接触雨水和阳光曝晒。
有效期限	6个月，三个月内使用更佳，超过有效期限，经过返炼并检验性能合格后继续使用。



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FUMED SILICONE RUBBER SERIES HCR

Features

- Excellent mechanical properties.
- Excellent processability.
- Suitable for long time storage.
- Subtransparent condition, excellent mobility, difficult to make contact trace.
- Products are environmentally friendly, with RoHS, Reach and other certifications.

Applications

- All kinds of live sundries and kitchen tools like cake mould, brush and cushion.
- All kinds of seal rings and cushions like water bottle, seal ring, O ring.
- Common electric wire and cable products.
- High tear resistance requirement products like special medical tube, new energy automobile charging wire, and high tear resistance requirement of above common applications.



Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Common Fumed Silicone Rubber Data				High Tear Resistance Fumed Silicone Rubber Data	
				NJ-2130	NJ-2150	NJ-2170	NJ-2180	NJ-2550	NJ-2570
Model				NJ-2130	NJ-2150	NJ-2170	NJ-2180	NJ-2550	NJ-2570
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	27-33	47-53	67-73	75-82	47-53	66-72
Density	Density Meter	GB/T 533-2008	g/cm ³	1.09±0.02	1.15±0.02	1.2±0.02	1.21±0.02	1.17±0.02	1.22±0.02
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	≥8.0	≥8.5	≥8.5	≥8.5	≥8.5	≥8.5
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	≥500	≥400	≥300	≥200	≥400	≥300
Tear Strength	Electronic Tension Tester	GB/T 529-2008	KN/m	≥12	≥18	≥18	≥18	≥30	≥30

Processing Technic

Sample Cured Condition	Curing agent and quantity: C-8A×1.2%; curing temperature/time: 170°C×10Min.
Process Suggestion	Suitable for mould pressing, extrusion and calendaring technology.

Packaging and storage

Package	20Kg/Carton.
Storage Condition	Room temperature less than 25°C, do not contact water, avoid sun exposure.
Expiry Date	6 months, finish within 3 months is the best. If expired, can continue to be used after remilling and qualified inspection.

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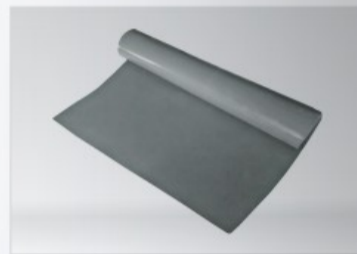
阻燃硅橡胶系列 固体胶

特点

- 良好物理机械性能和加工性能, 脱模脱辊效果优异。
- 较好的阻燃效果, 阻燃达到UL 94标准中的V0级, 其中1mm产品通过美国UL实验室的黄卡认证。
- 产品通过Reach环保检测, 无卤无红磷, 无毒害。
- 发泡产品, 表面平整光滑, 发泡均匀。

应用

- 适用于有较严格阻燃要求的电子、电气制品, 如阻燃垫片、阻燃密封圈、线套、端子套等产品。
- 适用于有严格阻燃要求的发泡硅橡胶制品。



性能参数

物理性能	测量设备	测试方法	单位	指标值			
				352H系列	352N系列	352M系列	FF7261
产品型号				352H系列	352N系列	352M系列	FF7261
颜色		目测		黑/白	黑/白	黑/白	白色
邵氏硬度	邵氏硬度计	GB/T 531.1-2008	A°	30-80	30-80	30-80	57±3
比重	比重计	GB/T 533-2008	g/cm ³	1.44-1.50	1.44-1.50	1.44-1.50	1.29±0.02
抗拉强度	电子拉力试验机	GB/T 528-2009	Mpa	≥4	≥4	≥4	≥3.8
拉伸伸长率	电子拉力试验机	GB/T 528-2009	%	≥240	≥240	≥240	≥400
撕裂强度	电子拉力试验机	GB/T 529-2008	KN/m	≥12	≥12	≥12	≥13
阻燃等级	UL 燃烧测试仪	UL-94	级	1mm 94V-0	2mm 94V-0	3mm 94V-0	2mm 94V-0

加工工艺

测试试片硫化条件	硫化剂及用量: C-8A×1.2%; 硫化温度/时间: 170°C×6Min。
成型工艺建议	适用于硅橡胶模压、挤出和压延成型工艺, 60A/70A/80A挤出效果更佳。模压注意事项: 若模压产品结构复杂, 建议添加适当的脱模剂。挤出注意事项: 若使用挤出工艺, 建议添加适当的防霜剂。

包装贮存

包装描述	20公斤/箱。
贮存环境	室温30°C或者更低温度下贮存, 避免接触雨水和阳光曝晒。
有效期限	做有6个月, 三个月内使用更佳, 超过有效期限, 经过返炼并检验性能合格后仍可使用。

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FIRE RETARDANT SILICONE RUBBER SERIES HCR

Features

- Excellent physical and mechanical properties and processability, easy demoulding.
- Excellent flammability, fire retardant achieve V0 class in UL 94 standard, 1mm product has yellow card certificate from US UL laboratory.
- Product has passed Reach environmental protection test, halogen-free, red-phosphorus-free, non-toxic.
- Foaming products: flat and smooth product surface, uniform foaming.

Applications

- Suitable for electrical products with strict fire retardant requirements, such as fire retardant gaskets, fire retardant sealing rings, wire sleeves, terminal covers and other products.
- Suitable for foaming silicone rubber products with strict fire retardant requirements.



Technical Data

Physical Properties	Measuring Equipment	Test Method	Unit	Data			
				352H Series	352N Series	352M Series	FF7261
Model				352H Series	352N Series	352M Series	FF7261
Color		Visual Inspection		Black/White	Black/White	Black/White	White
Shore Hardness	Shore Durometer	GB/T 531.1-2008	A°	30-80	30-80	30-80	57±3
Density	Density Meter	GB/T 533-2008	g/cm ³	1.44-1.50	1.44-1.50	1.44-1.50	1.29±0.02
Tensile Strength	Electronic Tension Tester	GB/T 528-2009	Mpa	≥4	≥4	≥4	≥3.8
Elongation At Break	Electronic Tension Tester	GB/T 528-2009	%	≥240	≥240	≥240	≥400
Tear Strength	Electronic Tension Tester	GB/T 529-2008	KN/m	≥12	≥12	≥12	≥13
Flammability	UL Burning Tester	UL-94	Class	1mm 94V-0	2mm 94V-0	3mm 94V-0	2mm 94V-0

Processing Technic

Sample Cured Condition	Curing agent and quantity: C-8A×1.2%; curing temperature/time: 170°C×6Min.
Process Suggestion	Suitable for mould pressing, extrusion and calendaring technology. 60A/70A/80A are better for extrusion. Mould pressing technology: Add some release agent if product structure is complicated. Extrusion technology: Add some quantity frost prevention agent.

Package & Storage

Package	20Kg/Carton.
Storage Condition	Room temperature less than 25°C, do not contact water, avoid sun exposure.
Expiry Date	6 months, finish within 3 months is the best. If expired, can continue to be used after remilling and qualified inspection.

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