



Technical Data Sheet of NJ-LSR8020 A/B

Product Description

- NJ-LSR8020 A/B is a two-component liquid silicone rubber for injection molding process. LSR80 series are particularly developed for baby products and kitchenware.

Key performance properties:

- Rapid vulcanization
- Excellent transparency
- Outstanding rebound resilience
- Excellent heat stability and ageing behavior
- Comply with FDA, RoHS, LFGB test certificate
- Low VOC

Applications

NJ-LSR8020 A/B is well suitable for feeding nipples, pacifiers, other baby products .

Product Data

Typical general characteristics	Inspection method	Unit	Specification
Uncured			
Color			Transparent
Specific Density	D792	g/cm ³	1.11
Hardness Shore A	D2240	OA	20-23
Tensile strength	D214	mPa	>6.0
Elongation at break	D412	%	600
Tear strength	D624B	KN/m	25

Silicone rubber can be cured under 120 °C for 5 minutes after A/B mixed in 1:1 ratio.



GUANGDONG NANJU SILICONE MATERIAL TECHNOLOGY CO., LTD
No.236, 1st South St, Qiaodong Rd, Qiaotou Town, Dongguan,
Guangdong Province, China. 523520
Tel: +86 769 82025586 Fax: +86 769 82025585
sales@njsilicone.com www.njsilicone.com

Process

Ready-to-use mixtures, A:B in the ratio of 1:1, are fed directly to the injection moulding machine from the original containers by means of a metering and mixing unit. The temperature of heated mould ranges between 100 - 130°C. High curing speed and easy demoulding guarantee the production of large numbers of articles in short cycle times.

Containers

NJ-LSR8020 A/B is available in 20kg pails and 200kgs drums.

Storage period

Correctly stored in original unopened containers at room temperature (below 25°C), NJ-LSR8020 has a shelf life of 12 months from date of manufacturing. Please pay attention to the expiry date. Opened containers must be kept closed.

Safety notes

Material safety data sheets are available upon request from NANJU.