



安徽艾约塔硅油有限公司

IOTA corporation Ltd.

安徽省蚌埠市高新区兴中路 985 号
日月科技园

电话: 86-552-3827158

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Sunmoon industry park, 985 Xingzhong Road,

Bengbu, China 233000

Tel: 86-552-3827158

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Mold-Resistant Addition-Cure Silicone Rubber

IOTA LSR 3M20-50W-0

Product Introduction:

IOTA LSR 3M20-50W-0 is a specialized addition-cure silicone rubber designed for mold resistance.

Main Features:

Excellent thixotropy and superior mold-resistant effect.

Good adhesion to substrates.

High strength.

Typical Applications:

Specialized mold-resistant adhesive.

Other products suitable for scraping coating and dip coating.

Important Notes:

IOTA LSR 3M20-50W-0 is a platinum-catalyzed product, with the platinum catalyst contained in Component A. Strict precautions must be taken during use to prevent catalyst poisoning.

Product Specifications:

Performance	Test Method	Value
Uncured Product		

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Component A		
Color		Transparent
Viscosity at 23℃, after stirring	ISO3219	1000mPa.s
Component B		
Color		Color customizable
Viscosity at 23℃, after stirring	ISO3219	65000mPa.s
Product Data (A+B Mixture)		
Mixing Ratio (by Weight)	A:B	2: 100
Viscosity at 23℃, after stirring	ISO3219	60000mPa.s
Product Data (After Curing)		
Color		Color customizable
Hardness (Shore A)	DIN 53505	30-60
Tensile Strength	DIN 53504	≥4MPa
Elongation	DIN 53504	≥200 %
Tear Resistance	ASTMD 624B	≥10KN/m

Note: All values are specific and should not be accepted as standard specifications.

Packaging:

Component A: 2 Kg/bucket, Component B: 200 Kg/bucket.

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Storage and Shelf Life:

Stored below 23°C, unopened buckets can be preserved for 12 months. The best-before date is marked on the label of each product's outer packaging.

This material may still be used beyond its shelf life. In such cases, performance tests on relevant indicators should be conducted to ensure quality.

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