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日月科技园

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安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

Sunmoon industry park, 985 Xingzhong Road,
Bengbu, China 233000

Tel: 86-552-3827158

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Addition-cured Silicone Rubber for Lace Border Anti-slip Fabric IOTA LSR 3M40-45

Product Introduction:

IOTA LSR 3M40-45 is an addition-cured silicone rubber specifically designed for lace border anti-slip fabric.

Main Features:

Excellent flowability, food grade

Good adhesion to substrate, high fullness of finished product

High strength

Typical Applications:

Special adhesive for lace fabric

Other coating products

Important Notes:

IOTA LSR 3M40-45 is a product cured using a platinum catalyst. The platinum catalyst is in Component A. Strict attention must be paid during use to avoid catalyst poisoning. If coloring is required, the colorant must be added to Component B. After thorough mixing, it can then be mixed with the specified amount of Component A.

Technical Parameters:

Property	Test Method	
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Uncured Product		
Component A		
Color		Transparent
Viscosity 23°C, stirred	ISO3219	300 mPa·s
Component B		
Color		Transparent
Viscosity 23°C, stirred	ISO3219	80,000 mPa·s
Product Data (A+B Mixed)		
Mixing Ratio (by weight)	A:B	2:100
Viscosity 23°C, stirred	ISO3219	76,000 mPa·s
Product Data (Cured)		
Color		Transparent
Hardness (Shore A)	DIN 53505	30
Tensile Strength	DIN 53504	≥6 MPa
Elongation at Break	DIN 53504	≥300 %
Tear Strength	ASTM D 624B	≥15 KN/m

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

Packaging Information:

Component A: 2 kg/drum, Component B: 200 kg/drum

Storage and Shelf Life:

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When stored unopened below 23°C, the shelf life is 12 months. The best use-by date is marked on the label of each product's external packaging.

Material exceeding the shelf life is not necessarily unusable. In such cases, performance tests for relevant parameters must be conducted to ensure quality.

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