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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 LOGO Copper Plate Printing IOTA 3M35

Product Introduction:

IOTA 3M35 is an addition-cured silicone rubber specifically designed for LOGO copper plate printing.

Main Features:

Excellent flowability, food grade

Good adhesion to substrate, high fullness of finished product

High strength, fast curing, high efficiency

Technical Parameters:

Property	Test Method	Value
Uncured Product		
Component A		
Color		Transparent
Viscosity 23°C, stirred	ISO3219	100,000 mPa·s
Component B		
Color		Transparent
Viscosity 23°C, stirred	ISO3219	80,000 mPa·s
Product Data (A+B Mixed)		

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Mixing Ratio (by weight)	A:B	1:1
Viscosity 23°C, stirred	ISO3219	86,000 mPa·s
Product Data (Cured)		
Color		Transparent
Hardness (Shore A)	DIN 53505	35
Tensile Strength	DIN 53504	≥6 MPa
Elongation at Break	DIN 53504	≥500 %
Tear Strength	ASTM D 624B	≥15 KN/m

Typical Applications:

Special adhesive for printing and transfer printing

Other coating products

Important Notes:

IOTA 3M35 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 an equal amount of Component A.

Packaging Information:

Component A: 20 kg/drum, Component B: 20 kg/drum

Or Component A: 200 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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