



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号日月科技园

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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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FUMED SILICA IOTA HB4152

Product description

HB4152 is hydrophobic fumed silica which is produced by HL4200 after chemical post-treatment with DDS (Dimethyldichlorosilane).

Specification	IOTA HB4152
Specific surface area(BET), m ² /g	200±20
pH value in 4% dispersion	3.7~4.5
Loss on drying(2 hours at 105℃), %	≤0.7
Loss on ignition(2 hours at 1000℃ based on material dried for 2 hours at 105℃), %	≤2.5
Silica Content(Based on ignited material), %	≥99.8
Tamped Density(Based on material dried at 105℃ for 2 hours), g/L	40~60
Carbon Content (Based on material dried at 105℃ for 2 hours), %	0.8~1.6

Applications

RTV silicone rubber, especially RTV-T

Adhesives & Sealants

Coatings & Printing ink

Powder Coating

Properties

Good hydrophobicity, thixotropy, thickening, transparency and reinforcement performance

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Anti-settling and anti-sagging agent

Free flow aid and anti-caking aid for powders

Thixotropy and reinforcement in RTV silicone sealants, the hydrophobic feature gives RTV silicone sealants a long shelf-life

Package

White kraft paper bag, 10KG/Bag

IOTA CORPORATION LTD.

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