



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

Fax: 86-552-3822922

TDS OF FUMED SILICA IOTA HB4151

Product description

HB4151 is hydrophobic fumed silica which is produced by HL4150 after chemical post-treatment with DDS(Dimethyldichlorosilane).

Specification	IOTA HB4151
Specific surface area(BET), m ² /g	115±15
pH value in 4% dispersion	3.7~4.5
Loss on drying(2 hours at 105°C), %	≤0.7
Loss on ignition(2 hours at 1000°C based on material dried for 2 hours at 105°C), %	≤2.5
Sieve Residue(45µm), mg/kg	-
Silica Content(Based on ignited material), %	≥99.8
Tamped Density(Based on material dried at 105°C for 2 hours), g/dm ³	40~60
Carbon Content (Based on material dried at 105°C for 2 hours), %	0.6~1.2

Applications

RTV silicone rubber, especially RTV-T

Adhesives & Sealants

Coatings & Printing ink

Powder Coating

Properties

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Thixotropy and reinforcement in RTV silicone sealants, the hydrophobic feature gives

RTV silicone sealants a long shelf-life

Rheology control in adhesives

Anti-settling, anti-sagging and thixotropy control

Free flow aid and anti-caking aid for powders

Package

White kraft paper bag, 10KG/Bag

IOTA CORPORATION LTD.

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