



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

FUMED SILICA IOTA HB4139

Product description

HB-4139 is hydrophobic fumed silica which is produced by HL-200 after chemical post-treatment with PMDS (Polydimethylsiloxane).

Specification	IOTA HB4139
Specific surface area(BET), m ² /g	200±20
pH value in 4% dispersion	5.5~7.5
Loss on drying(2 hours at 105℃), %	≤1.5
Loss on ignition(2 hours at 1000℃ based on material dried for 2 hours at 105℃), %	≤10.0
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), %	4.5~6.5

Applications

Silicone rubber

Coatings and printing ink

Adhesives and Sealants

Greases and cable gel

Unsaturated resin

Powders

Properties

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Good thickening and thixotropy property

Good anti-sagging properties and excellent stability in epoxy resin

Excellent reinforcing properties in silicone rubber especially at high filler loading levels
and no crepe hardening on aging

Good transparency performance

Free-flow property for water-proof material and powders

Package

White kraft paper bag, 10KG/Bag

IOTA CORPORATION LTD.

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