



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 HB4135

Product description

HB4135 is hydrophobic fumed silica which is produced by HL4380 after chemical post-treatment with HMDS (Hexamethyldisilazane).

| Specification | IOTA HB4135 |
|---|-------------|
| Specific surface area(BET), m ² /g | 380±30 |
| pH value in 4% dispersion | 7.0~8.5 |
| Loss on drying(2 hours at 105℃), % | ≤0.5 |
| Loss on ignition(2 hours at 1000℃ based on material dried for 2 hours at 105℃), % | ≤8.0 |
| 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), % | 3.5~6.5 |

Applications

Silicone rubber

Adhesives and Sealants

Defoamer

Toner

Properties

Low thickening effect and excellent processability enable high loading in polymers

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Excellent reinforcing properties in silicone rubber especially at high filler loading levels(RTV-1,RTV-2,LSR)

Good transparency performance

Free-flow aid for powders

Package

White kraft paper bag, 10KG/Bag

IOTA CORPORATION LTD.

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