



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 HB4615

Product description

HB4615 is hydrophobic fumed silica which is produced by HL4150 after chemical post-treatment with HMDS (Hexamethyldisilazane).

| Specification | IOTA HB4615 |
|---|-------------|
| Specific surface area(BET), m ² /g | 150±15 |
| pH value in 4% dispersion | 5.5~7.5 |
| 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℃), % | ≤4.0 |
| 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), % | 1.0~1.7 |

Applications

Elastomers, HTV & RTV silicone rubber, SLR

Coatings & Printing ink

Adhesives and Sealants

Negative Toners

Powder Coatings

Properties

Reinforcing filler for elastomer

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High hydrophobicity and stable thixotropy

Anti-settling, anti-sagging, anti-thixotrophy in coating and ink

Improving the homogeneity and stability of pigment

Free flow aid and anti-caking aid for powders

Package

White kraft paper bag, 10KG/Bag

IOTA CORPORATION LTD.

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