



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 HL4300

Product description

HL4300 is hydrophilic fumed silica with a specific surface area around 300 m² /g, mainly applied in coatings & paintings, silicone rubber and Other elastomers, film & UPR, adhesives and sealants.

Specification	IOTA HL4300
Specific surface area(BET), m ² /g	300±25
pH value in 4% dispersion	3.7~4.5
Loss on drying(2 hours at 105°C), %	≤2.0
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	≤250
Silica Content(Based on ignited material), %	≥99.8
Tamped Density(Based on material dried at 105°C for 2 hours), g/L	40~60

Applications

Coatings & Paintings

Silicone rubber and Other elastomers

Film & UPR

Adhesives and Sealants

Printing ink

Properties

Reinforcing filler in elastomers

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Anti-settling, thickening and anti-sagging agent

Rheology and thixotropy control in liquid systems

Free flow aid and anti-caking aid for powders

High tear resistance

Excellent transparency in unsaturated polyester resins

Package

White kraft paper bag, 10KG/Bag

IOTA CORPORATION LTD.

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