



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号日月科技园

电话: 86-552-3827158

传真: 86-552-3822922

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 HB4612

### Product description

HB4612 is hydrophobic fumed silica which produced by HL4150 after chemical post-treatment with HMDS (Hexamethyldisilazane).

Specification	IOTA HB4612
Specific surface area(BET), m <sup>2</sup> /g	150±15
pH value in 4% dispersion	5.5~7.5
Loss on drying(2 hours at 105℃), %	≤0.7
Loss on ignition(2 hours at 1000℃ based on material dried for 2 hours at 105℃), %	≤2.0
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), %	0.7~1.3

### Applications

RTV silicone sealants, especially electronic potting and Liquid glue

Adhesives and Sealants

Coatings & Printing ink

Powder Coatings

### Properties

Thixotropy and reinforcement in RTV silicone sealants, the hydrophobic feature gives RTV silicone sealants a long shelf-life

ADD: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000

Tel: 86-552-3827158; Fax: 86-552-3822922 Website: [www.iotasilica.com](http://www.iotasilica.com)



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号日月科技园

电话: 86-552-3827158

传真: 86-552-3822922

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

---

Rheological control of RTV silicone rubber

Anti-settling, anti-sagging and thixotropy agent

Free flow aid and anti-caking aid for powders

### Package

White kraft paper bag, 10KG/Bag

### IOTA CORPORATION LTD.

Add: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000

Tel: 0086-552-3827158 Fax: 0086-552-3822922

Mobile/What's app: 0086-18055290537

WeChat: RachelHo0713

Email: [sales04@siliconeoil.net](mailto:sales04@siliconeoil.net)

Website: [www.iotasilica.com](http://www.iotasilica.com)

ADD: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000

Tel: 86-552-3827158; Fax: 86-552-3822922 Website: [www.iotasilica.com](http://www.iotasilica.com)