



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

### TDS OF IOTA FINE SIL 300B

IOTA FINE SIL 300B is special silica for Spray painting consumables, Photographic paper. It is a kind of good inkjet printing media, its big hole, good dispersion and suspension, strong ink absorption performance, high color saturation, quick curing speed, could improve the printing quality and efficiency for manufacturers.

#### Main specifications and technical data

Specification	IOTA FINE SIL300B
SiO <sub>2</sub> (dried)	≥98
Loss on Ignition ( 9500C ) %	4-6
PH Value (5% Suspension)	6.5-7.5
Specific Surface Area g/m <sup>2</sup>	≥250
Moisture %	3-5
Partical Size	3μm
Oil Absorption g/100g	≥260
ELSE	Special processed
Packing	10kg/bag

#### Product features

1. Good extinction effect. Could be used to make semi-matte, lambency, full - matte and even matt and other matt painting.
2. Good dispersion. It could be dispersed to 15μm by high speed stirring.
3. The paint film has good transparency of, does not form fog.
4. It has no effect on drying storage and curing of paint.
5. The film is flat and smooth, fine and wearable, has good abrasion resistance and impact resistance.

ADD: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000  
 Tel: 86-552-3827158; Fax: 86-552-3822922 Website: www.iotasilica.com



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6. No influence on the durability and weather resistance of the film.
  7. Good anti sinking, do not produce hard precipitation during the storage period.
  8. The extinction powders are uniform and feel good.

### Products uses

Extinction powder must be fully dispersed in coating, so can play their roles. FINE series products can easily dispersed into the paint by standard high-speed dispersion machine, users must pay attention to blade diameter, container size, the height of the coating slurry, impeller rotational speed and so on are the factors influencing dispersion when doing dispersion.

### 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)