



安徽艾约塔硅油有限公司

**Iota Silicone Oil(Anhui) Co., Ltd**

安徽省蚌埠市高新区兴中路 985 号日月科技园

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

电话: 86-552-3827158

Tel: 86-552-3827158

传真: 86-552-3822922

Fax: 86-552-3822922

### Silicone Gel IOTA 6250OCR

IOTA 6250OCR is a two-component addition molding organic silicon gel, which is suitable for full fitting of various vehicle screens, computer screens, tablet screens, etc.

#### Product features

- 1:1 mixed use, fast curing speed, heating can accelerate the curing speed
- The product has low viscosity and can quickly self level
- Low shrinkage rate
- It has excellent optical performance
- Good adhesion to the substrate

#### Product parameters

Inspection items	Component	Test Method	Results
Appearance	A	Visual	Transparent
	B	Visual	Transparent
Viscosity (mpa.s)	A	GB/T 2794	800~1200
	B	GB/T 2794	800~1200
Density (g/cm <sup>3</sup> )	A	GB/T 13354	0.98±0.02
	B	GB/T 13354	0.98±0.02
Containing catalyst components	B		
Mixing ratio	A:B	/	1:1
Viscosity after mixing, mPa.s			800~1200
Operating time, min/25°C			≥15(or≥50)
Cone penetration (1/4 cone), 1/10mm			45-60
Shear strength (glass glass), MPa			> 0.2
Positive tensile strength (glass glass), MPa			> 0.2

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

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



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 Silicone Oil(Anhui) Co., Ltd**

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

Tel: 86-552-3827158

Fax: 86-552-3822922

Yellowing index			< 0.2
Haze			< 0.2
Refractive index			1.405
Operating temperature, °C			-45 ~ 200°C

The data in the table is for reference only, please refer to the measured data

### Operation and Safety

- Before potting, use alcohol, acetone and other suitable solvents to remove oil, dust and other dirt on the surface.
- Mix components A and B evenly in a weight ratio or volume ratio of 1:1 before use. You can mix them manually or with equipment. After mixing, quickly pour them into the product. Since this product cures quickly, it is recommended to remove bubbles by vacuum in order to obtain a better sealing effect.
- If the ratio of components A and B deviates greatly, the gel will be soft or hard. The ratio should be strictly 1:1.
- This product belongs to the addition curing system. The curing speed is only related to the temperature. Heating can accelerate the curing speed.
- Note that this product cannot come into contact with substances containing N, P, S, Sn, Pb, etc., otherwise it will cause the gel to not cure.
- Unused A and B adhesives should be stored in a sealed manner.
- Only A and B shipped in each batch of this product can be mixed. Mixing A and B shipped in different batches will affect the state after curing.
- IOTA 6250OCR is an addition-cured silicone rubber that contains neither toxic nor corrosive substances. Special handling precautions may be required and general industrial hygiene regulations should be followed.
- Wear protective gloves for prolonged or repeated contact.
- Keep away from heat/sparks/open flames, no smoking, and keep containers tightly closed. Use explosion-proof electrical/ventilation/lighting equipment.
- Transport as non-hazardous goods.

### Package

- A / B Component 20KG

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

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



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 Silicone Oil(Anhui) Co., Ltd**

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

Tel: 86-552-3827158

Fax: 86-552-3822922

- 
- A / B Component 180KG

### **Storage and Shelf life**

- Store in a dry place for a storage period of 12 months. If it expires, it needs to be retested and can be reused after passing the inspection.
- This type of product belongs to non hazardous goods and can be transported as general chemicals.

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

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