



安徽艾约塔硅油有限公司

**IOTA CORPORATION LIMITED**

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## Alkyd modified silicone resin IOTA 1057

### Resin properties and application:

This product has good high temperature performance and water repellent and moisture resistant performance and good electrical insulation properties, arc corona resistance performance. Its weather resistance and chemical stability is also very good. This product could dry in room temperature. This product has high hardness, high gloss, good fullness performance after fully cured (more than 1H).

IOTA 1057 can widely use in high temperature resistant coatings (about 250~550°C)。

### Index:

Appearance:	light yellow to colorless transparent liquid, allows light milk light, no mechanical impurities
Solid content:	50±1%
Viscosity:	25~65 seconds (No 4 cup)
Film Hardness:	≥ 1H

### Curing method:

This product could dry in room temperature.

This product uses the high temperature curing, 200°C for 40 min; 250°C for 20 min;

Addition of amino resin can shorten the curing time.

### Attentions:

a.The diluted solvent used for this product shall not contain water, pyridine and impurities containing sulfur compounds, otherwise it will affect the adhesion, dry and other properties of the resin paint film.。

b.This product in the processing process, there will be a large number of xylene and other flammable and explosive, toxic solvents volatile out, should pay attention to

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strengthen the field of ventilation, pay attention to fire, strictly avoid the fire source.

Operator should pay attention to labor protection.

c.This product is used in the process of processing equipment, containers must be clean.

To prevent dust and foreign bodies and mixed with water.

d.Acid, alkali, salt of organic acid and amine compounds have accelerated curing effect on this product, and affects heat resistance and electric properties. Therefore, this product should be kept in strict isolation from these substances.

### **Storage:**

The product storage period is tentatively scheduled for one year. This product should be stored in a cool, dry and ventilated place, prevent sun direct radiation; prevent the serious pollution of acid, alkali and should be cut off from the source of the fire and away from the heat source.

### **Package:**

200/20KGS Iron Bucket.

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