



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

## IOTA 888A Silicone Sealant for Solar Modules

### Features

1. UL, TUV, CE certified
2. Excellent resistance to UV radiation
3. Stable and flexible from -50°C to +180°C
4. Excellent electrical insulation performance
5. Protects from mechanical shocks and chemical mediators
6. Excellent weatherability and ozone resistance
7. Excellent watertight seal property
8. Sufficient protection of wafers from contamination or oxidation
9. Non-toxic, non-corrosive

### COLOURS

IOTA 888A is available in white, black and other customized colours

### PACKAGING

IOTA 888A is available in disposable cartridges (net 310ml), or sausages (net 600ml), or drums (net 188L, about 250kg)

### Typical properties

These values are not intended for use in preparing specifications.

Test Method	Property	Unit	Result
GB/T 13477	Appearance	fine paste	
GB/T 13477 (ISO 7390)	Slump	mm	0
GB/T 13477 (ASTM D 2377)	Tack free time	min.	12
GB/T 13477 (ISO 7619)	Hardness	Shore A	50
GB/T 528 (ISO 37)	Tensile strength	Initial strength	MPa
		85°C, 85% RH, 1000h	MPa
GB/T 528 (ISO 37)	Elongation at break	Initial strength	%
		85°C, 85% RH, 1000h	%
GB/T 7124 (ISO 4587)	Shear strength	MPa	1.15
GB/T 1695 (ASTM D 149)	Dielectric break down strength	kV/mm	20.5
GB/T 1692	Volume resistivity	Ω·cm	1×10 <sup>15</sup>
GB/T 2048	Fire resistance rate	94HB	
Cure time, 3mm	h	24	

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

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

---

\*GB: Chinese National Standard

ASTM: American Society for Testing and Materials

ISO: International Standardization Organization

The "GB" testing method is equivalent or partly equivalent to that in the "()

### **STORAGE AND SHELF LIFE**

IOTA 888A should be stored in original unopened containers over the temperature from 4°C to 27°C. It has a shelf life of 12 months from the date of manufacture.

IOTA 888A is solvent free, non-hazardous for transportation.

### **HOW TO USE**

Apply a bead of IOTA 888A to one of the prepared surfaces, then quickly cover with the other substrate be bonded and remove the excess sealant

Tool immediately before a skin forms

A plug of used material may form in the tip of a tube or cartridge during storage. This is easily removed and does not affect the remaining contents.

Air pressure should be maintained at 0.2~0.4MPa when using pneumatic gun.

### **IOTA CORPORATION LTD.**

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

TeL: 0086-552-7183958 Fax: 0086-552-3822922

Whatsapp : 0086-15556181299 WeChat :Amandalin99

QQ: 309136222

Email: [sales02@siliconeoil.net](mailto:sales02@siliconeoil.net)

Website: [www.rtvsilicone.net](http://www.rtvsilicone.net)

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

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