



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号日月科技园

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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

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TDS of IOTA ST3 Highest hardness Nano-coating in room temp. cured

Product name: Highest hardness Nano-coating in room temp. cured

Coating: Surface coating

Advantages

1. The product is water-based coating, it's eco-friendly and no harmful to operators when applying.
2. According to special technology and formulation, the coating hardness is up to 5-8H, the cured coating is resistant to scratches, stains, and graffiti, has good hydrophobic properties, feeling smooth and delicate.
3. It's one part nano-coating, easy to apply and be cured, it's yellowing resistance with high gloss.

Technical index

Appearance: colorless to transparent liquid

Solid content: 50%

Coating thickness(wet film): 10-100 um

Coating thickness(dry film): 1-50 um

Hardness(Chinese pencil): 5-8H

Adhesion: Grade 0

Appearance (after curing): colorless and transparent

Room temp. curing time: 30min-1hour surface drying, totally cured after 3 days

High temperature resistance: 300 °C

Application

Metal, glass, ceramics, wood furniture finish and plated crystal coating.

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Tel: 86-552-3827158; Fax: 86-552-3822922 Website: www.iotasilica.com



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How to use?

Coating method: brushing, spraying

1. Clean the surface of the material, sanding, remove the oil, to keep the surface dry and smooth.
2. Coating by brushing or spraying.
3. Heating will shorten the curing time in moisture.

Notes

1. The best performance can be achieved when the coating thickness (dry film) is less than 10um.
2. Solvents such as ethanol and esters can be used to dilute. If the leveling is not good, adding an proper leveling agent to adjust.

Package and transportation

1. Packed with 25kg plastic drum or 200kg iron drum.
2. Condition: packed in clean and dry container, sealed and kept in cool and dry place in 5-35°C.
3. Transported as non-dangerous goods.
4. Shelf life: 12months.
5. Brand: IOTA