



TECHNOLOGY MAKES LIFE BETTER

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IOTA R3800 silicone oxynitride adhesive

Product characteristics: Room temperature curing, short curing time, certain toughness, temperature resistance 600-800°C

Product description: Three-components, silicone oxynitride adhesive

Application: Be used for bonding and sealing between metals, ceramics or composite materials, preparing high temperature resistant coating materials.

Packing: 0.5L~10L plastic drum or customized according to customer requirements
technical index:

Appearance: gray black, no solvent

Viscosity: 8000cp

Performance index:

Tensile shear strength at room temperature > 2.5MPa

Tensile shear strength at 400°C > 1.3MPa

Tensile shear strength at 600°C > 1MPa

600°C Nitrogen (N₂) atmosphere for 10min, weight loss < 10%

Curing conditions: operating time 30 minutes, curing process: room temperature, 5~7 days

Storage: The shelf life of curing agent is 1 year; After the curing agent is unsealed, its validity is affected by the protection measures, the validity is about 8 months at dry and cool place. The shelf life of the adhesive is 18 months.

Note: The curing agent is placed for a long time, and ammonia gas will overflow when the cap is opened. It is best to use it in a ventilated environment.

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