



TECHNOLOGY MAKES LIFE BETTER

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IOTA CORPORATION LTD.

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IOTA H11500 Polycarbosilane adhesive

Product characteristics: Medium temperature curing, short curing time, excellent temperature resistance, temperature resistance more than 1500°C.

Product description: single component polycarbosilane adhesive with solvent-free.

Application: Can 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

Viscosity: 3000~4000cp

Performance index:

Apply to bond graphite materials

Bonding strength at room temperature >10MP

Compression and shear strength at 500°C >15MPa

Compressive shear strength at 1000°C >15MPa

Compression shear strength at 1100°C >12MPa

Compression shear strength at 1400°C >10MPa

Curing conditions: 2hours at 220 °C.

Storage: The sealant should be stored in a cool and dry place with a shelf life of 1 year.

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