

ChangFu® SP-MP29

Methyl Phenyl Functional Siloxane Oligomer



Description ChangFu® SP- MP29 is a special type of siloxane oligomer with methyl and phenyl functional groups. Combining the dual characteristics of organic polymer and inorganic substance, it has unique physical and chemical properties. With excellent high-temperature resistance, electrical insulation, and moisture resistance properties, it mainly serves in electronic components, heat resistance and high-temperature resistant coatings.

Features & Benefits Special polysiloxane with highly cross-linked network structure.
Suitable for solvent-based systems.
High compatibility with various high-temperature resistant fillers and resins.
Excellent high-temperature resistance and moisture resistance.
High dielectric strength and electrical insulation properties.

Applications Used as an excellent coating additive in heat resistance and high-temperature resistant coatings. It is compatible with various fillers and resins, can improve the stability of coatings. Used as a chemical auxiliary agent to produce electrical appliances and electronic components, sealing of transformer coils or transistors.
Used as a primer with a temperature resistance of up to 300°C. The transparent and glossy layer does not turn yellow or crack, with up to 7H hardness.
Used as an adhesion promoter to improve the adhesion and compatibility for polymer-based sealant and adhesives, especially suitable for solvent-based systems.

Typical Properties

Description	Methyl Phenyl Functional Siloxane Oligomer
Product No.	ChangFu® SP-MP29
Appearance	Light blue clear liquid
Solid Content	~50%
Viscosity	≤100
PH Value	≤7

Package Offered in 25L pails and 200L drums.
Custom packaging is available.

Storage Stored in a cool, well-ventilated place.
Keep container tightly closed.

Transportation See the corresponding Safety Data Sheet.