

Methyl MQ Silicone Resin

SK-MR-709P

Product Description:

● This product is a co-hydrolysate of tetraalkoxysilane and trimethylalkoxysilane. It can be considered as a trimethylsilyl-terminated polysilicic acid resin with a three-dimensional network structure, containing partial alkoxy and hydroxyl functional groups. It appears as a white powder.

Technical Specifications:

Test Item	Typical Data	Test Standard/Instrument
Appearance	White powder	Visual inspection
M/Q ratio	0.75~0.80	/
Hydroxyl content (wt.%)	2.0~4.0	Infrared spectroscopy
Bulk density (g/cm ³)	0.20~0.30	GB/T 6488
Molecular weight (Mw)	4000±1000	GB/T 31816-2015
Volatile content (%)	≤3.0	Drying method (150℃/3H)

Typical Applications:

- Modification of rubber and plastics.
- Reinforcement of condensation-type silicone rubber.
- Concealing and texture adjustment in cream-based cosmetics.

Packaging and Storage:

- Packaged in 25KG paper drums.
- Store at room temperature in a dry environment.
- This product contains solvents and is flammable. It should be transported as hazardous goods.
- Best used within 12 months from the production date. Re-inspect if expired.

Safety and Environmental Protection:

- Ensure to wear appropriate protective equipment before using this product. For specific details, please refer to the product material safety data sheet.
- Dispose of used packaging according to local solid waste regulations.

Notes:

- The information provided in this document is based on reliable data from our company. Product specifications and performance may change without prior notice.
- The information is derived from laboratory and practical experience and is for reference only. Since conditions and methods of use are beyond our control, application testing is recommended before use.
- Some performance parameters of the product can be adjusted according to customer requirements. If needed, please contact our technical department engineers.