

Manta F15

Phenol-terminated Silicone Fluid

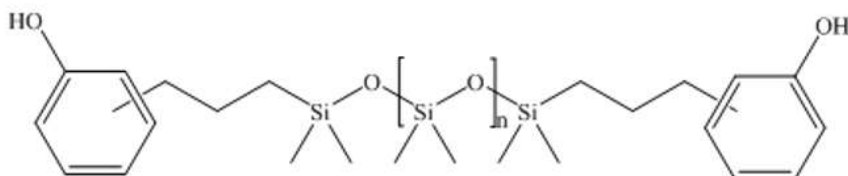
Description

Phenol-terminated Silicone Fluid

Typical Physical Properties

Manta code:	F15-23	F15-24	F15-25	F15-29
Chemical Name:	α, ω -Bis(propylphenol)polydimethylsiloxane			
CAS No.:	158167-48-7			
Appearance:	Colorless to light reddish brown transparent oil			
Density(25°C, g/cm ³)	0.980-0.990	0.975-0.985	0.973~0.983	0.970~0.980
Refractive Index(25°C)	1.420-1.430	1.416-1.426	1.412~1.422	1.406-1.416
Viscosity(25°C, mm ² /s)	60-120	70-130	100~160	190-230
Volatile Content (%)	≤1.0			
Color (Pt-Co)	≤100		≤50	

Chemical Structure



Applications

Manta F15 silicone oil is a phenol-terminated linear polydimethylsiloxane. The phenol group has strong reactivity and heat resistance. It is mainly used to modify polycarbonate to improve its flexibility and impact resistance, heat resistance, aging resistance, flame retardancy and other properties, it can also be used for copolymerization or blending modification of other polymer resins such as polyester and polyurethane, and can also be used to prepare lubricants, release agents, etc.

Packaging

In 20pail, 200kg drum and 1000kg IBC.

Safety and Storage

Keep in a cool and dry place and avoid storage in direct sunlight. Shelf life is min. 24 months. It is shipped as non-hazardous substance.

Contact Information

Nanjing Manta New Material Co., Ltd

Add: Jiangbei new district, Nanjing (210031), China.

Mob: 0086 18962800162

Mail: inquiry@mantasil.com Web: www.mantasil.com