

Manta F83

Carbinol Silicone Fluid

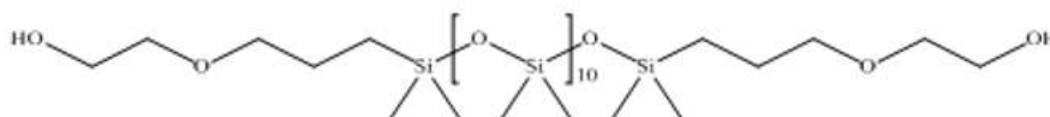
Description

Carbinol Silicone Fluid

Typical Physical Properties

Manta code:	F83
Chemical Name:	α, ω -Bis(3-(2-hydroxyethoxy)propyl)polydimethylsiloxane
CAS No.:	
Appearance:	Colorless transparent oily liquid
Density(25°C, g/cm ³)	0.972-0.982
Hydroxyl Value(mmol/g)	1.60-2.00
Viscosity(25°C, mm ² /s)	30-50
Volatile Content (%)	≤2.00

Chemical Structure



Applications

Manta F83 silicone oil contains carbon hydroxyl active functional groups with a C-OH structure, which can react with isocyanate groups, carboxyl groups, acid anhydride groups, epoxy groups, etc. in organic polymers, thereby introducing polysiloxane segments in the form of Si-C bonds in organic polymers, it is often used to modify polyurethane resin, polyester resin, and epoxy resin. Compared with the Si-O-C structure formed by the introduction of Si-OH, it has better hydrolysis resistance and stability. F83 silicone oil can also be used as hydrophilic lubricant or release agent.

Packaging

In 20kg or 195kg drum.

Safety and Storage

Keep in a cool and dry place and avoid storage in direct sunlight. Shelf life is min. 12 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