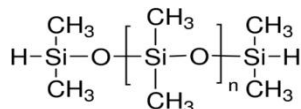


XJY-707

1.PRODUCT

Product name:Hydride Terminated Polydimethylsiloxanes

Structural formula:



2.PRODUCT SPECIFICATION

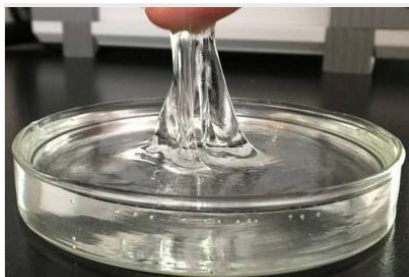
Specifications Index	707-30	707-015	707-030	707-050	707-075
Appearance	Colorless clear liquid	Colorless clear liquid	Colorless clear liquid	Colorless clear liquid	Colorless clear liquid
Content of Hydrogen (%)	0.27-0.30%	0.015-0.017%	0.030-0.034%	0.048-0.052%	0.073-0.078%
Viscosity(25 °C , mm2/s)	4-7	250-350	100-150	50-80	30-50
Volatile matter (105°C/3h)	≤10%	≤10%	≤5%	≤3%	≤6%

Viscosity can be customized as customer's request.

3.APPLICATIONS

XJY-707 is soluble in various organic solvents such as aromatic hydrocarbons/petroleum hydrocarbons. It is insoluble in water and is a widely used silicone intermediate. It is usually used as a silicone end-capping agent. Due to containing reactive Si-H groups in the molecular structure, XJY-707 can be used in the synthesis of copolymer macromolecule by hydrosilylation. The synthesis of copolymer macromolecule can be made into a series of reactive silicone oil.

- (1) As a chain extender for adding liquid silicone rubber, adding a crosslinking agent for forming a hot vulcanized silicone rubber;
- (2) Used as a waterproofing agent and softener for natural and synthetic fabrics;
- (3) Special silicone surfactant;
- (4) Used in manufacture of a variety of end group reactive linear modified silicone oil.
- (5) The key intermediates of block copolymerization reaction.
- (6) Used for modification of the reaction, such as plastic resin.



4.PACKAGING,STORAGE AND TRANSPORTATION

XJY-707 is available in 20kg pails and 190kg plastic drums. Packaging options are available upon request.

This product stored at or below 25°C in the original unopened containers. Transported as non-dangerous goods.