

HYDROXY FLUOROSILICONE OIL

Composition:

Homo polymer of fluorosiloxane monomers, with hydroxyl groups terminated at both ends of its molecules.

Characteristics:

Compared to methyl fluorosilicone oil, this product has a hydroxyl group, which could chemically modified further or crosslinked into elastomers or membranes.

Due to the trifluoropropyl group, this product has shown excellent electric insulation and resistance to high and low temperatures, a high flash point, and a low freezing point. It can be used for a long time under the condition of -50°C~250°C. It has a small viscosity-temperature coefficient, a large compression ratio, low surface tension, good water repellency, and moisture resistance. It is also chemically inert and physiologically inert.

Items	Index
	AFS® -L-1001
Appearance	Colorless or light yellow transparent liquid
PH Value	5.0-7.0
Viscosity (mPa.s)	100-150
Refractive Index	1.3800±0.01
Flash Point (°C)	>260

Application:

1. It is used as the rubber base and diluent for condensation-type room temperature vulcanized fluorosilicone rubber, such as the base material for sealants and mold glue.
2. It is an excellent structural control agent for fluorosilicone rubber, and the processing process of fluorosilicone rubber is simplified by replacing diphenyldihydroxysilane.

Package:

Packed in plastic drums, 1kg, 5kg, 10kg, 20kg per drum.

Storage:

Shall be stored in a cool and dry environment, not exceeding 35°C, with a shelf life of six months.

Transportation:

Transport this product as non-hazardous materials.

Attention:

This product should be kept neutral and avoid contact with acidic or alkaline substances.