Technical Data Sheet

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Silfluo LF-PE101 Series

Polyether-Modified Silicone Fluids

Description:

Silfluo LF-PE101-20 and LF-PE101-50 are polyether-modified silicone fluids for wetting, textile finishing and formulation processing. They provide low surface tension, softness and antistatic properties.

Typical Physical Properties

Silfluo Code	LF-PE101-20	LF-PE101-50
Appearance	Colorless to pale yellow transparent liquid	
Kinematic Viscosity (25°C, cSt)	1200–1500	4500–6000
Active Content (%)	100	100
Solubility	Soluble in water, alcohols and aromatic hydrocarbons	

Chemical Structure:



Applications:

1. Textile and film additives

Used in textile softening treatments and as anti-drip additives in greenhouse films.

2. Coatings and polyurethane formulations

Used to improve leveling in coatings and polyurethane slurries, and as foam-control components in polyurethane foaming systems.

3. Industrial formulation raw materials

Used in cutting-fluid and cleaner formulations, and as raw materials for self-emulsifying and delayed-coking antifoams.

Packing

25 kg or 200 kg plastic drums, 200 kg plastic-lined steel drums, and 1000 L IBCs.

Safety and Storage

Shelf life: 12 months from the date of manufacture in original unopened containers at room temperature.

Transport as non-dangerous goods.

Nanjing Silfluo New Material Co., Ltd.
Web: www.silfluosilicone.com Email: inquiry@silfluo.com

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