Technical Data Sheet

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Silfluo LF-PE102

Polyether Silicone Fluid for Rigid PU Foam

Description:

Silfluo LF-PE102 is a Si–C-linked polyether silicone fluid for rigid polyurethane foam. Its non-hydrolyzable linkage and foam-stabilizing function support rigid-foam production.

Typical Physical Properties

Silfluo Code	LF-PE102
Appearance	Colorless to pale yellow transparent liquid
Kinematic Viscosity (25°C, cSt)	600–1000
Active Content (%)	100
Solubility	Soluble in water, alcohols and aromatic hydrocarbons

Chemical Structure:



Applications:

1. Rigid polyurethane insulation
Used as a foam stabilizer in rigid polyurethane formulations for thermal-insulation applications.
2. Polyurethane packaging foam
Used to stabilize rigid polyurethane foam during manufacture of packaging materials.

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.

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