Technical Data Sheet

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Silfluo LF-1344

Silicone Leveling Agent

Description:

Silfluo LF-1344 is a polyether-modified silicone additive for coating flow, leveling and surface slip. During drying and film formation, leveling additives promote coating flow and leveling, help suppress Bénard cell formation, reduce cratering, and help prevent pigment floating and flooding. These effects contribute to a smooth, even and uniform coating film.

Leveling additives containing polysiloxane segments can also migrate to the coating surface and reduce the coefficient of friction of the dried film. This can improve surface slip, scratch resistance and blocking resistance.

Typical Physical Properties

Silfluo Code	LF-1344
Appearance	Colorless to pale yellow liquid
Composition	Polyether-modified silicone
Kinematic Viscosity (25°C, cSt)	600–1000

Applications:

1. Coating flow and leveling
Used to promote uniform film formation and reduce cratering and pigment floating/flooding.
2. Surface slip and anti-blocking
Used to improve slip and reduce sticking between coated surfaces.

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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