

Technical Leaflet

Revision: 12.07.06

Resiflow FL 2

Art.- No. 114001-00233

Description

Resiflow FL 2 is a silicone free, polymeric flow control agent and resin modifier used as additive to correct imperfections in coatings and printing ink formulations.

Craters, pin holes and fisheyes may be eliminated or substantially reduced by incorporating 0.2 - 2.0% of the agent into total formulation. The initial and recoating adhesion is normally not affected by addition of Resiflow FL 2. Resiflow FL 2 is stable to UV-radiation.

The unique chemical structure of this product renders it suitable for epoxy, polyester, acrylic, vinyl, alkyd, urethane resins and other systems.

Technical Data

Appearance	colourless, high viscous liquid
Viscosity, 20 °C, delivery form, DIN 53015, ball 6	30 - 50 Pa·s
Activity	min. 98%
Density, 20 °C, DIN EN ISO 2811-1	approx. 1.0 g/cm ³

Application and Properties

Resiflow FL 2 is designed for powder coatings, solvent based coatings, high solids, coil coatings and UV-coatings. Printing inks based on flexographic or silk screen have also shown improved characteristics. A small addition of Resiflow FL 2 into vinyl organosols and polyester gel coats improves their performance.

In powder coating applications best results are obtained when the flow control agent is used as master batch consisting of 90 - 95% resin and 5 - 10% Resiflow FL 2.

The compatibility of powder coatings containing different flow control agents could be critical. Therefore we recommend corresponding preliminary trials.

FDA Status 175.300 and AP (2004) 1.

Durability

Stored in original containers and at room temperature Resiflow FL 2 has a shelf life of min. 12 months.