



Polyether modified polydimethyl siloxane for improved slip, flow and leveling and mar resistance properties in solvent based and waterborne coatings systems. 100% active.

Description

Borchi® Gol 1474 is a 100% active polyether modified polydimethylsiloxane that improves the flow, leveling and slip of solvent based and waterborne coatings systems.

Characteristic Data

Appearance	clear liquid	
Color	Max. 4 (Gardner)	ASTM D 1544
Viscosity	175 - 390 mPa.s	ASTM D 2196
pH-value	4.0 - 7.2	OMG Borchers 100-120 (1% in water)
Hydroxyl number	Max. 5,00 mKOH/g	ASTM D 1957

Properties

Borchi® Gol 1474 is a very effective leveling agent inhibiting the formation of surface defects like craters and pin holes. It is also used to improve a coating's slip properties, gloss and can aid in dispersing pigments.

Applications

Borchi® Gol 1474 can be used in general Industrial, Architectural, Automotive and UV-curable systems. This product shows broad compatibility with a wide variety of binders including acrylic, alkyd, polyurethane, polyester and epoxy systems.

Nevertheless, the influence of **Borchi® Gol 1474** on surface defects as well as on recoatability has to be evaluated by test series. **Borchi® Gol 1474** is dispersible in water and can be used in waterborne paints, however extensive trials should be conducted to confirm long term stability.

Dosage

The recommended dosage is 0.05 to 0.5% of the total weight of the formulation depending upon the binder system. The exact dosage should be experimentally determined.

Storage

Protect from the effects of weathering and store at temperatures between 15 and 30°C. In temperatures below 15°C, **Borchi® Gol 1474** may become hazy, show a hazy precipitate and may even solidify. This does not affect performance and can usually be recovered by storing the product at 25°C or above for 24 hours.



Once opened, containers should be resealed immediately after each removal of the product to avoid exposure to water and atmospheric moisture as much as possible.

Safety

Please refer to our safety data sheet for information relating to product safety.

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