



Polyether modified polysiloxane for improved flow and leveling properties and surface smoothness in solvent based and waterborne coatings systems. 100% Active

Description

Baysilone® OL 17 is a polyether modified polysiloxane that improves the flow and leveling of solvent based and waterborne coatings systems and improves surface smoothness. It is 100% Active.

Characteristic Data

| | | |
|---------------------|--|-------------------|
| Appearance | clear, colorless to slightly yellowish liquid | |
| Iodine color number | max. 3 | DIN 6162 |
| Refractive index | 1.445 - 1.449 | (23 °C) DIN 51423 |
| Viscosity | 600 - 800 mPa•s | (23 °C) DIN 53015 |
| Density | 1.025 - 1.050 g/cm ³ | (20 °C) DIN 53217 |
| Turbidity | max. 4 NTU | DIN EN ISO 7027 |
| Solubility | soluble: aromatic hydrocarbons, Alcohols, Esters, Ketones, glycol ethers, glycol ether acetates, Decalin / Tetralin, Water insoluble / soluble: aliphatic hydrocarbons | |

Properties

Baysilone® OL 17 is an effective flow promoter which also improves surface smoothness by reducing orange peel and preventing the formation of craters. **Baysilone® OL 17** may intensify defects caused by over-baking therefore we recommend it should be used primarily in top coats.

Applications

Baysilone® OL 17 has good compatibility with a wide variety of binders and is particularly suitable in two component systems based on Desmodur® / Desmophen® resins.

Baysilone® OL 17 is water-soluble but its use in such solutions should always be preceded by extensive trials due to limited stability in waterborne binders.

Dosage

The recommended dosage is 0.05 to 0.50 % of the total weight of the formulation depending upon the binder system. The exact dosage should be experimentally determined. Intercoat adhesion failures are not generally observed when used at the recommended levels.



Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C. 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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