

Borchi® Gol M 51

Low molecular weight polydimethylsiloxane for improved leveling and anti-float properties in solvent-based coatings systems, 100 % active, VOC-free

Physical Characteristics

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|----------------------|---|
| Appearance | Clear liquid |
| Non-volatile content | NA |
| pH | NA |
| Density | 0.945 - 0.970 g/cm ³ DIN 51757 (20°C) |
| Viscosity | 45 - 55 mPa.s ISO 3105 (25 °C) |
| Color | NA |
| Refractive Index | 1.395 - 1.410 DIN 51423 (23 °C) |
| Solvent(s) | NA |

Features

- Reduces surface tension
- Effective flow promoter
- Can act as an "anti-silicone" as it can counteract surface defects caused by other silicone-based additives
- Recommended for 100 % solids epoxy coatings

Applications

- Systems that cure by evaporation or crosslinking
- 100 % solids epoxy coatings

Dosage

The recommended dosage is 0.01 % to 0.05 % of the total weight of the formulation depending upon the binder system. The exact dosage should be experimentally determined. No intercoat adhesion issues are 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.

Safety

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

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