



Organo-modified silicone copolymer, 12 % active ingredient in xylene

Description

Borchi® Gol LA 6 is a pre-diluted, highly efficient organo-modified silicone compound to improve wetting ability on critical substrates. Furthermore flow and levelling properties will be positively influenced.

Borchi® Gol LA 6 develops a strong surface tension reduction and can be used either for clear-coats or for pigmented coating systems.

Characteristic data

Appearance:	clear liquid	
Active ingredients:	12 %	
Density (20 °C), g/cm³:	approx. 0.93	DIN 51757
Viscosity (23 °C), s:	max. 25	DIN 53211
Refracting index (23 °C):	1.489 – 1.492	DIN 51423

Properties

Borchi® Gol LA 6 facilitates spreading and wetting characteristics to a wide range of formulated systems. The formation of surface defects like cratering, pin holes or Bénard cells will be inhibited.

Borchi® Gol LA 6 does favourably control optical film appearance with reduced haze and increased gloss. Slip and blocking stability will be improved.

Applications

Borchi® Gol LA 6 is characterized by good binder compatibility and is particularly suitable for chemically curing finishing paints based on hydroxyl bearing polyacrylates and polyesters (e.g. range *Desmophen*® served by Bayer Material Science), primarily polyester melamine (e.g. range *Roskydal*® served by Bayer Material Science), epoxy and certain UV systems.

Borchi® Gol LA 6 furthermore controls levelling in physically curing finishes based on long-, middle and short chain alkyds and polyacrylates.



Dosage

Borchi® Gol LA 6 can be added to the paint in any formulation step including post addition. We recommend its addition in a final production step after adding all ingredients.

The amount of **Borchi® Gol LA 6** depends on the required effect. Usual amounts are approx. 0.1 to 0.5 % by weight on total formulation. The optimum amount should be determined individually by pre-trials. When preparing pigmented systems, occasionally higher amounts are needed.

Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C.
Once opened. Containers should be released 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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