

Borchi® Gel 0625

Non-ionic, polyurethane-based medium shear range thickener for water-based coatings systems, VOC-, APEO- and tin-free

Physical Characteristics

Appearance	High-viscous liquid
Non-volatile content	31 - 35 % ISO 3251 (2g, 3h, 105 °C)
pH	4 - 7
Density	1.02 - 1.06 g/cm ³ DIN 53217 (23 °C)
Viscosity	Max. 15000 mPa.s ISO 3219 (A) (23 °C)
Solvent(s)	Water

Features

- Develops viscosity stability and improves rheological properties mainly in the medium and high shear range
- Improved storage stability, leveling and application properties
- Does not yellow or cause chalking in the cured film
- VOC-free
- APEO-free
- Tin-free

Applications

- Coatings
 - Brush and roller
 - E-Coat
 - General industrial
 - automotive

Dosage

- 0.2 - 3.0% on total formulation

The exact dosage should be experimentally determined. The best incorporation method is to add it after the pigment/filler dispersion stage but prior to being let down. Under low shear mixing conditions, a pre-dilution in water or a mixture of water/propylene glycol may be necessary for complete incorporation.

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.

811 Sharon Drive / Westlake, OH 44145 / Telephone: +1 800-321-9696 / 440-899-2950 / Fax: +1 440-808-7114 / Internet: www.borchers.com / E-Mail: info.us@borchers.com

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