

## Borchi® Gel L 75 N

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

### Physical Characteristics

Appearance	Liquid, yellow
Non-volatile content	48 - 52 % ISO 3251 (1g, 125 °C, 1h)
pH	6 - 8
Density	1.08 g/cm <sup>3</sup> DIN 51757 (20 °C)
Viscosity	5000 - 9000 mPa.s (23 °C) ISO 3219 (Appendix A)
Solvent(s)	Water

### Features

- Develops viscosity stability in water-based coatings mainly in the medium shear range
- Improves rheological properties of water-based coatings systems for easier brush and roller application
- Does not yellow or cause chalking in the cured film
- VOC-free
- APEO-free
- Organo tin-free

### Applications

- Coatings
  - Acrylic gloss
  - Anti-corrosion
- Small particle size emulsions

### Dosage

- 0.1 - 2.0% on total paint formulation

Gloss paints may require a higher amount. The exact dosage should be experimentally determined. The thickening action of Borchi® Gel L 75 N may be reduced by polar, water soluble film forming solvents such as alcohols, glycols and glycol ethers. However, low polar solvents such as butyl diglycol acetate and Texanol® will increase the viscosity effect.

### 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](http://www.borchers.com) / E-Mail: [info.us@borchers.com](mailto:info.us@borchers.com)

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at [www.milliken.com/terms](http://www.milliken.com/terms) (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.