

Borchi® Gel 0802

Anionic neutralized polyacrylate low shear range thickener for water-based coatings systems, methanol-, APEO- and organo tin-free

Physical Characteristics

Appearance	Clear/opaque viscous liquid
Non-volatile content	11 ± 2%, ISO 3251 (125°C/1h)
pH	Min. 8
Density	1.02g/cm ³ ISO 2811 (20°C)
Viscosity	11000 - 40000 mPa.s, ISO 2555, (20°C)
Solvent(s)	Water, Dipropylene glycol mono methyl ether

Features

- Improves flow and leveling properties of water-based coatings systems mainly in high gloss emulsions
- Build viscosity in the low shear range
- Swells water in the coating rather than associating with binders
- Minimizes roller splatter during application of emulsion paints, lacquers and printing inks
- APEO-free
- Organo tin-free
- Methanol-free

Applications

- PUD resin systems for artificial leather
- Adhesives and sealants

Dosage

- 0.5 - 4.0% on total formulation

Borchi® Gel 0802 can be added directly to the batch as supplied. The exact dosage should be experimentally determined.

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. Upon storage, cloudiness could develop. In our work the cloudiness formation showed no influence on the thickening performance of the product, however we recommend that you evaluate the product performance in your own formulations to be sure.

Safety

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

www.borchers.com/contact

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 (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

Edition: 02/2025