



Thickener for aqueous paint systems

Description

Borchi® Gel A LA is a polyacrylate-based thickener in the form of a solution of anionic acrylic polymer in water.

Characteristic data

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| Appearance: | high-viscous, slightly cloudy liquid | |
| Viscosity (20 °C), mPa·s: | 25,000 – 60,000 | (Brookfield viscometer LVT, hydrometer IV / 6 rpm) |
| Non-volatile content, %: | 9 - 11 | DIN 53189 |
| pH – value: | ≥ 8 | DIN 53785 |
| Density, (at 20°C), g/cm ³ : | approx. 1.05 (typical) | |

Properties

Borchi® Gel A LA improves the rheological of aqueous coating systems. It allows optimum adjustment of flow and levelling properties improves film structure and minimise spatter during application of emulsion paints, lacquers and printing inks. The optimisation of flow characteristics results in a significant improvement in optical properties, particularly in high gloss emulsion systems.

To improve rheological properties, **Borchi® Gel A LA** is readily combinable with polyurethane thickeners and / or cellulose thickeners.

Use and Dosage

Borchi® Gel A LA can be stirred directly into the formulation to be thickened. The dosage is determined by the required degree of viscosity.

As a guideline, an addition of 0.1 – 2.0 % by weight in the supply form relative to binder is recommended. The optimum dosage should always be determined precisely beforehand in trials.



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.

Updated: 25.02.2009

OMG Borchers GmbH
Berghausener Str. 100 / 40764 Langenfeld / Telephone: +49 (0) 2173 – 39 26 666
Fax: +49 (0) 2173 – 39 26 999 / Internet: www.borchers.com / E-Mail: info.borchers@eu.omgi.com

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