

Borchi® Gen 0650

Anionic, APEO- and VOC-free wetting and dispersing agent for water- and solvent-based coating systems

Physical Characteristics

Appearance	Clear, high-viscous, colorless to yellow liquid
Non-volatile content	100 %
pH	6 - 7.5 (aqueous solution 10 %)
Density	1.02 - 1.06 g/cm ³
Viscosity	Max. 3,000 mPa.s
Solvent(s)	NA

Features

- Specifically designed for stabilizing fillers and pigments with polar surfaces like titanium dioxide, iron oxides and hydrophilic organic pigments
- In systems using metal-based catalysts or driers, excessive amounts may result in prolonged open time and pot life due to complex formations with the metal ions
- May significantly improve the color of tinted white and clear alkyd-based coatings
- Low viscosity dispersions

Applications

- Coatings
 - Protective and Marine
 - Decorative
- Printing inks
- Adhesives and sealants

Dosage

Recommended amounts of Borchi® Gen 0650 in % (supply form) based on pigment content:

- Titanium dioxide: 1 - 4 %
- Inorganic pigments: 5 - 15 %
- Organic pigments: 10 - 30 %

The amount depends on the particle size and surface area of the pigment. The exact dosage should be experimentally determined.

Storage

Protect from the effects of weather and store at temperatures between 5 and 30 °C. Slight turbidity may occur during storage but this does not affect the performance of the product. 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.

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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.