

Borchi® Gen 0851

High molecular weight non-ionic and VOC-free dispersant for organic pigments and carbon black in water-based coatings

Physical Characteristics

Appearance	Liquid, yellow
Non-volatile content	50 %
pH	7 - 9.5
Density	1.09 g/cm ³ (20 °C)
Viscosity	Max. 1000 mPa.s
Solvent(s)	Water

Features

- Specifically designed for dispersing difficult organic pigments and carbon black
- Low viscosity dispersions
- High transparency with organic pigments
- High jetness with carbon black
- Long-term dispersion stability
- Compatible with a wide range of resin systems

Applications

- Coatings
 - Automotive
 - Industrial
 - Protective and Marine
 - Decorative
- Printing inks

Dosage

Depending on the pigment grade, the recommended dosage is

- Organic pigments: 20 - 35 %
- Medium black: 40 - 50 %
- High jetness carbon black: 70 - 100 %

The exact dosage should be experimentally determined through a ladder study. Borchi® Gen 0851 should be added to the mill base before adding the pigment.

Storage

Protect from the effects of weathering and light. 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.

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.

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