

# Borchi® Gen 0851

## TECHNICAL DATA

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

### 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

### PHYSICAL CHARACTERISTICS

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

### APPLICATIONS

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

Contact us for more information  
[www.borchers.com/contact](http://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](http://www.milliken.com/terms) (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

### 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.