borchers
A MILLIKEN BRAND

Borchi® Gen 5352

TECHNICAL DATA

High molecular weight wetting and dispersing agent in water- and solvent-based coating systems

FEATURES

- Good dispersing performance for organic, inorganic and carbon black pigments
- Excellent with titanium dioxide pigments providing high tint strength and contrast ratio
- Strong affinity to iron oxide pigments resulting in stable dispersions with excellent color development
- High gloss

PHYSICAL CHARACTERISTICS

Appearance	Liquid, colorless
Non-volatile content	100 %
pH	3 – 4 (aqueous solution 10 %)
Density	1.13 g/cm3, 23 °C
Viscosity	Max. 4,500 mPa.s
Solvent(s)	NA

APPLICATIONS

- Coatings
  - Industrial
  - Wood
  - Automotive
  - Protective and Marine
- Pigment dispersions

DOSAGE

Depending on the pigment grade, the recommended dosage is

- Titanium dioxide: 2-3 %
- Iron oxides: 5 %

The exact dosage should be experimentally determined through a ladder study. Borchi® Gen 5352 should be added to the mill base before adding the pigment. Neutralization is required when used in water-based systems as follows, Per 1-part Borchi® Gen 5352:

- AMP 90: 0.041
- AMP 95: 0.038
- DMEA: 0.037
- TEA: 0.041

STORAGE

Protect from the effects of weather and store at temperatures between 5 and 30 °C. At temperatures below 15 °C, turbidity and flocculation may occur. This effect is reversible and does not influence the product efficiency, so warm up to room temperature and mix well before use. 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.

Contact us for more information
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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