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Borchi® Gen 5290

TECHNICAL DATA

High molecular weight block copolymer solution containing pigment affinity groups, to disperse various pigments in waterborne general industrial coating systems; can be used to disperse stable resin-free pigment concentrates.

FEATURES

- Free of organic solvents, suitable for waterborne coatings and printing inks
- Excellent dispersing performance for carbon black and organic pigments in either grinding resins or resin-free systems
- Provides excellent dispersibility, effectively reduces system viscosity, enhances flow, and improves storage stability

PHYSICAL CHARACTERISTICS

Appearance	Light Yellow Liquid
Active substance	40%
Density	1.06 g/cm^3
Solvent(s)	Water

APPLICATIONS

- Waterborne Coatings
  - Pigment concentrates
  - Industrial/Architectural
  - Automotive/Anti-Corrosive
  - Wood
- Printing inks

DOSAGE

To achieve the best performance, the additive should be slowly added to the grinding resin/co-solvent under stirring. When used in resin-free dispersion, the additive should be thoroughly mixed well with water before adding the pigments.

Depending on the pigment grade, the recommended dosage is active dispersant on pigments:

- Inorganic pigments: 8-12 %
- Titanium dioxide: 3-5 %
- Organic pigments: 10-30 %
- Carbon black: 30-70 %

The exact dosage should be experimentally determined through a ladder study.

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.

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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