

Borchi® Gen ND

Ionic wetting and dispersing agent with amphiphilic structure for solvent-based, solvent-free and water-based coating systems

Physical Characteristics

Appearance	High viscous, colorless to yellowish liquid
Non-volatile content	80 - 90 %
pH	4.5 - 6.5
Density	1.08 - 1.11 g/cm ³
Viscosity	Max. 1600 mPa.s
Solvent(s)	NA

Features

- Good wetting and dispersing properties even at low dosages, especially with inorganic pigments
- High gloss
- Strong color development
- Prevents settling of pigments and fillers during storage
- Performs as anti-gelling agent when basic pigments and acidic binders are used
- In systems containing metal-based catalysts or driers, excessive Borchi® Gen ND might result in a prolonged open time and pot life due to complex formation with metal ions

Applications

- Alkyd paints
- Chlorinated rubber paints

Dosage

The exact dosage should be experimentally determined through a ladder study. Borchi® Gen ND should be added to the mill base before adding the pigment. Based on active dispersant on pigment:

- Titanium dioxide: 3 - 5 %
- Inorganic pigments: 10 - 15 %

Storage

Protect from the effects of weather and 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.

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