

BYK-155/50

Sodium polyacrylate-based dispersing additive for pigment stabilization in aqueous emulsion paints.

The additive is only available in the North American market.

Product Data

Composition

Solution of a sodium salt of an acrylic acid copolymer

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Non-volatile matter (90 min., 266 °F): 50 %

Solvents: Water

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation

The product may solidify below 5 °C (41 °F). Heat to 20 °C (68 °F) and stir.

Applications

Coatings Industry

Special Features and Benefits

BYK-155/50 stabilizes the pigments and fillers by electrostatic repulsion and is recommended for aqueous emulsion paints. The additive increases gloss, improves leveling, shortens dispersing time and stabilizes pigment dispersion. BYK-155/50 can be used as the only dispersing additive in most cases. It can be used for inorganic pigments and fillers.

Recommended Levels

Amount of additive (as supplied) based upon pigment:

Inorganic pigments: 1.5-8 %

Titanium dioxides: 1-2 %

Fillers: 0.4-0.8 %

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

For optimum effect add the additive to the mill base before incorporating the pigments and fillers.

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Data Sheet
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