BYK-156

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

The additive is only available in the North American market. In other regions please use BYK-154 instead, which differs only with respect to the non-volatile content.

Product Data

Composition
Solution of an ammonium salt of an acrylate copolymer

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

Density (68 °F):	9.82 lbs/US gal
Non-volatile matter (90 min., 266 °F):	51 %
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-156 stabilizes the pigments and fillers by electrostatic repulsion and is recommended for aqueous emulsion paints. The additive increases gloss, lowers viscosity and improves storage stability. BYK-156 does not have a foam stabilizing effect. As an ammonium salt it affects curing and water resistance to a lesser extent than metal salts.

Recommended Use

Architectural coatings	■
Protective coatings	■
Industrial coatings	□

■ Especially recommended □ Recommended

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 performance, the additive must be incorporated into the mill base before the addition of pigments.

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