

DISPERBYK

Wetting and dispersing additive for solvent-borne printing inks.

Product Data

Composition

Solution of an alkylammonium salt of a low-molecular-weight polycarboxylic acid polymer

Does not contain
alkylphenol ethoxylates

Typical Properties

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

Amine value:	85 mg KOH/g
Acid value:	85 mg KOH/g
Density (20 °C):	1.08 g/ml
Non-volatile matter (10 min., 150 °C):	50 %
Solvents:	Water

Storage and Transportation

Separation or turbidity can occur if stored or transported below 10 °C. Warm to 20 °C and stir. This will not impair product effectiveness.

Applications

Printing Inks

Special Features and Benefits

DISPERBYK can be used in solvent-borne printing inks. It shortens dispersing time and improves the degree of dispersion. Recommended for gravure, flexographic, and screen printing inks.

Recommended Levels

Additive dosage as supplied on pigment.

Titanium dioxides:	1.5-2.5 %
Organic pigments:	10-15 %
Fillers:	0.8-1.2 %

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

Incorporation and Processing Instructions

The additive is incorporated into the mill base prior to addition of the pigment.



Additive Guide



BYK-Chemie GmbH
P.O. Box 10 02 45
46462 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

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