

DISPERBYK-101 N

Wetting and dispersing additive for solvent-borne systems for stabilizing inorganic pigments.

DISPERBYK-101 N is not available on the US market.

Product Data

Composition

Solution of a salt of long-chain polyamine amides and a polar, acidic ester

APEO-free

Typical Properties

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

Amine value:	24 mg KOH/g
Acid value:	28 mg KOH/g
Density (20 °C):	0.91 g/ml
Non-volatile matter (10 min., 150 °C):	52 %
Solvents:	Isopar G/propylene glycol 2/1
Flash point:	40 °C

Storage and Transportation

Mix well before use.

Special Note

DISPERBYK-101 N is the APEO-free version of DISPERBYK-101.

Applications

Coatings Industry

Special Features and Benefits

The additive deflocculates pigments by means of steric stabilization. The small particle size of the deflocculated pigments results in higher gloss values and improved color development. Transparency and hiding power are also increased and the viscosity of the millbase is reduced. In this way, leveling is also improved and higher pigment loading is possible. DISPERBYK-101 N is primarily recommended for stabilizing inorganic pigments.

Recommended Use

Architectural coatings	<input checked="" type="checkbox"/>
Industrial coatings	<input checked="" type="checkbox"/>
Protective coatings	<input checked="" type="checkbox"/>
Wood and furniture coatings	<input checked="" type="checkbox"/>
Automotive coatings	<input type="checkbox"/>

☒ especially recommended ☐ recommended

Recommended Levels

Amount of additive (as supplied) based upon pigment:

Inorganic pigments: 1.5-4 %
Titanium dioxide: 1-4 %
Organic pigments: 2-10 %

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

Incorporation and Processing Instructions

For optimum performance, the additive must be incorporated into the millbase before addition of pigments.



Additive Guide



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