

DISPERBYK-2009

Wetting and dispersing additive for solvent-free, radiation curable printing inks.

Product Data

Composition

Solution of a structured acrylate copolymer

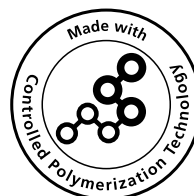
Typical Properties

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

Amine value:	4 mg KOH/g
Density (20 °C):	1.02 g/ml
Non-volatile matter (20 min., 150 °C):	44 %
Solvents:	Methoxypropylacetate/Butylglycol 1/1
Flash point:	40 °C

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.



Applications

Printing Inks

Special Features and Benefits

The additive is specifically recommended for stabilizing pigments in solvent-free, radiation curable printing inks. It is also suitable for formulating pigment concentrates.

Recommended Levels

Additive dosage as supplied based on pigment:

Titanium dioxide:	5-6 %
Organic pigments:	10-20 %
Carbon blacks:	10-20 %

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 millbase before addition of pigments. Pre-mix the resin and solvent components of the millbase and then gradually let the additive flow in whilst stirring. Only add the pigments when the additive has been thoroughly distributed.



Additive Guide



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