

DISPERPLAST-I

Wetting and dispersing additive for PVC plastisols for a better incorporation of pigments and other solids and to reduce sedimentation.

Product Data

Composition

Solution of a partial amide of an unsaturated polycarboxylic acid polymer

Typical Properties

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

Amine value:	11 mg KOH/g
Acid value:	58 mg KOH/g
Density (68 °F):	8.05 lbs/US gal
Refractive index (68 °F):	1.485
Flash point:	374 °F

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

Separation or turbidity may occur at temperatures below 0 °C (32 °F). Warm to 20 °C (68 °F) and mix well. Do not exceed 50 °C (122 °F).

Applications

PVC Plastisols

Special Features and Benefits

The additive improves the color strength, minimizes floating and reduces the dispersion time. It also prevents any separation of the plasticizer and reduces settling.

Recommended Levels

Amount of additive (as supplied) based upon solids:

Inorganic pigments:	1-5 %
Organic pigments:	1-5 %
Blowing agent:	1-2 %
Zinc oxide:	2 %
Co-grind of pigments:	3 %

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 should be added to the liquid components prior to incorporating the solids.



Additive Guide



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