

DISPERPLAST-1148

Wetting and dispersing additive for PVC plastisols for a better incorporation of inorganic pigments and fillers. Increases the color strength, minimizes settling and prevents the separation of the plasticizer.

Product Data

Composition

Polymeric wetting and dispersing agent

Typical Properties

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

Acid value: 70 mg KOH/g
Density (68 °F): 8.02 lbs/US gal
Refractive index (68 °F): 1.462
Flash point: 365 °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

The product can solidify below 20 °C (68 °F). Warm to 30-60 °C (86-140 °F) and mix well. Moisture sensitive. Store dry.

Applications

PVC Plastisols

Special Features and Benefits

DISPERPLAST-1148 reduces the viscosity of pigmented and filled PVC plastisols. It is particularly recommended for inorganic fillers, zinc oxide and blowing agents (azodicarbonamide). The product enables a greater solids content, improves the color strength of the pigments and shortens the dispersion time. It also prevents any separation of the plasticizer. The tendency to settle is reduced.

Recommended Levels

Amount of additive (as supplied) based upon solids:

Inorganic pigments: 1-3 %
Inorganic fillers: 1-3 %
Blowing agent: 1-2 %
Zinc oxide: 1-3 %

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

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Incorporation and Processing Instructions

The additive should be added to the liquid components prior to incorporating the solids. DISPERPLAST-1148 can be used in either a liquid, solid or partially solid form. The product efficiency is not influenced if it is carefully dispersed in the plasticizer.



Additive Guide



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