

DISPERPLAST-1148

Wetting and dispersing additive to improve incorporation of inorganic pigments and fillers in PVC plastisols. Increases the color strength, minimizes settling, and prevents the separation of the plasticizer.

Product data

Composition

Solution of polymeric carboxylic acid ester

Typical properties

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

Density:	0.96 g/cm ³
Flash point:	185 °C
Refractive index (20 °C):	1.4622
Acid value:	70 mg KOH/g

Storage and transportation

Product shelf life in unopened original packaging: 60 months

At temperatures below 20 °C the product may become solid. Warm to 30-60 °C and stir. 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 %
Fillers:	1-3 %
Blowing agent:	1-2 %
Zinc oxide:	1-3 %

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

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.



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