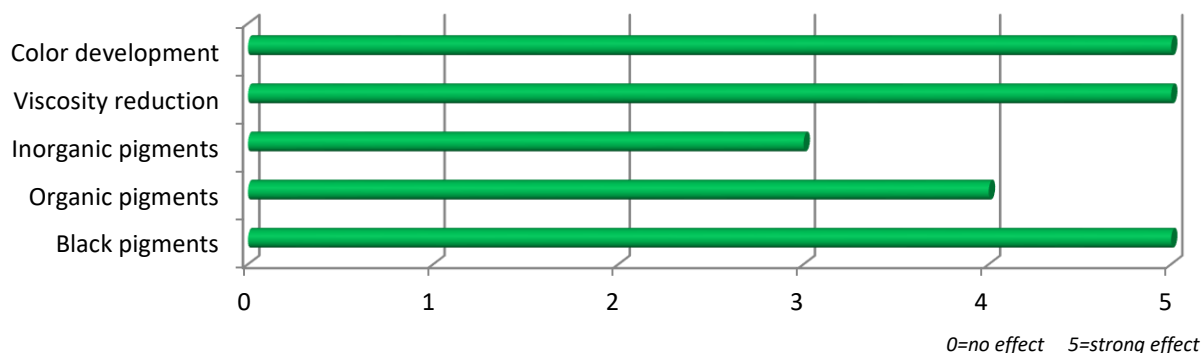


UNIQ[®] SPERSE P-178

Wetting and dispersing additive for Plastic applications



UNIQ[®] SPERSE P-178 is a solvent-free wetting and dispersing additive, very suitable for solvent-borne and solvent-free adhesives, PVC plastisols, ambient curing resin systems, and for the production of color master batches for thermoplastics. It's suitable for organic pigments, particularly recommended for carbon black.

Special Features

- Solvent-borne and solve-free applications
- Wetting and dispersing agent for organic pigments, especially for carbon black
- Reduce the viscosity
- increase the pigment loading
- High gloss
- Good transparency for transparent pigments and good hiding power for opaque pigments

Application

Adhesive	■
PVC plastisols	■
SMC/BMC	■
Pultrusion	■
Ambient curing resin systems	■
Thermoplastics	■

highly recommended ■

recommended □

Product Specification

Active ingredients	100 %
Density 20°C	0.94 g/cm ³
Amine value	178 mg KOH/g
Color	Max.3
Appearance	Brownish clear liquid

Addition levels

Amount of solid additive based on pigment (SOP):

- Titanium dioxides: 1 - 3%
- Inorganic pigments: 5 - 10%
- Organic pigments: 10 - 25%
- Carbon black: 15 - 50%

The above recommended levels can be used for orientation and needs to be optimized by testing.

Packaging

- 25 kg
- 180 kg

Shelf life

UNIQ[®] SPERSE P-178 should be stored in a cool dry place. At low temperature it may solidify, and return to flow ability after heating, no effect to use. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture.