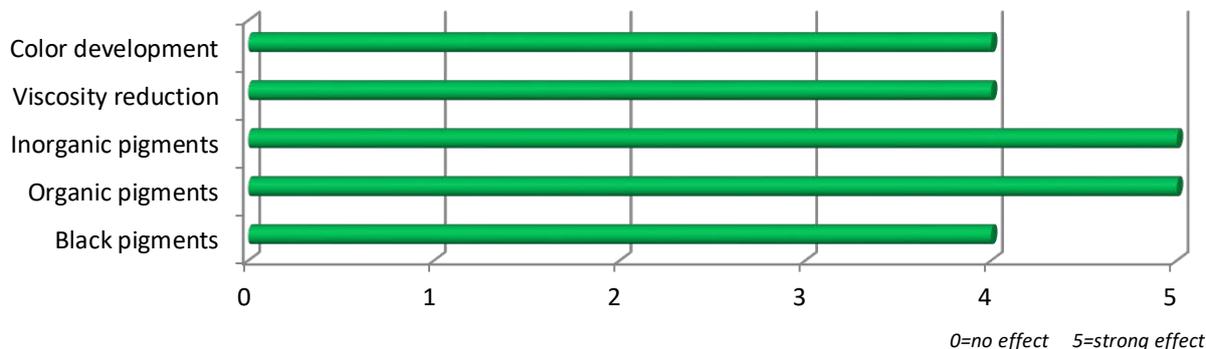


UNIQ[®] SPERSE P-138

Polymeric dispersant



UNIQ[®] SPERSE P-138 is a wetting and dispersing additive for inorganic pigments, organic pigments and carbon black in adhesive, plastisols, ambient curing resin systems, and for the production of color pastes for thermoplastics. It is also very suitable for SMC/BMC and pultrusion to homogenize and stabilize the system, and to increase the color homogeneity in molding compounds; and it can give good fiber wetting and anti-separation performance.

Special Features

- Solvent based applications
- Wetting and dispersing agent for inorganic, organic pigments and carbon black
- Improve the color strength
- Anti-separation performance
- Fiber wetting

Application

Adhesive	■
Plastisols	■
SMC/BMC	■
Pultrusion	■
Ambient curing resin systems	■
Thermoplastics	■

highly recommended ■
recommended □

Product Specification

Active ingredients	30 %
Solvent	butylacetate/PMA/ xylene
Density 20°C	0.95 g/cm ³
Amine value	8 mg KOH/g
Color	Max.6
Appearance	Light yellowish clear liquid

Addition levels

Amount of solid additive based on pigment (SOP):

- Inorganic pigments: 2 – 5 %
- Titanium dioxides: 1 – 3 %
- Organic pigments: 15 – 30 %
- Carbon blacks: 20 – 50 %
- Prevent phase separation(based on the resin) 0.5 – 1 %
- Fiber wetting(based on the fiber content) 0.5 – 1 %

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

Packaging

- 25 kg
- 190 kg

Shelf life

UNIQ[®] SPERSE P-138 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture.

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Regional headquarters

UNIQ[®]FOAM, UNIQ[®]FLOW, UNIQ[®]WET, UNIQ[®]SPERSE, UNIQ[®]LIGHT, UNIQ[®]COLOR, UNIQ[®]MICA, UNIQ[®]CURE, UNIQ[®]JET
This information is given to the best of our knowledge. Because of the multitude of formulations, production and application conditions, all the above mentioned statements have to be adjusted to the circumstances of the processor.
No liabilities, including those for patent rights, can be derived from this fact for individual cases.

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