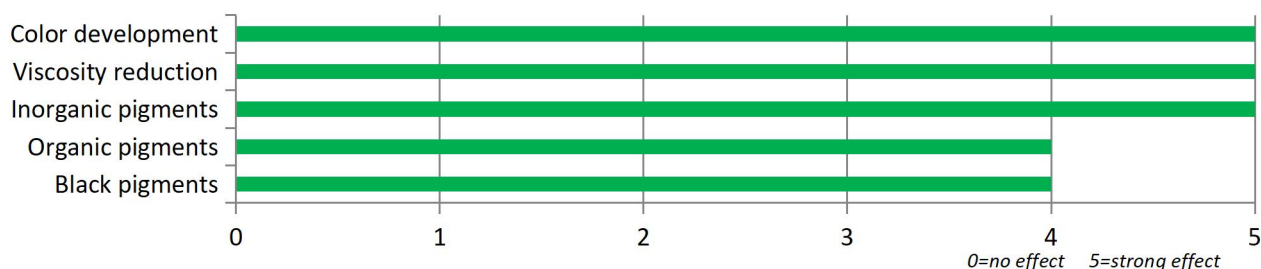


UNIQ®SPERSE 590 U

Polymeric dispersant



UNIQ®SPERSE 590 U is a new generation wetting and dispersing agent suitable for all application fields including preparation of pigment pastes. It shows excellent wetting and dispersing properties for both inorganic and organic pigments, especially suitable for grinding transparent iron oxide yellow/iron red pigment, exhibiting excellent transparency and color development. For TiO₂ paste it shows excellent whiteness, good anti settling properties and resistant against yellowing at high temperature.

Special Features

- Excellent dispersant for inorganic and organic pigments
- No yellowing at high temperature
- Suited for resin free pigment concentrates
- Strong viscosity reduction
- High whiteness/transparency and gloss
- Excellent anti-settling properties
- Excellent alcohols and ethers resistance
- Excellent color development
- Suited for high temperature baking systems

Application

Architectural coatings	<input type="checkbox"/>
Wood and furniture coatings	<input checked="" type="checkbox"/>
Automotive and refinish coatings	<input checked="" type="checkbox"/>
Can/coil coatings	<input checked="" type="checkbox"/>
Pigment concentrates	<input checked="" type="checkbox"/>
Protective coatings	<input checked="" type="checkbox"/>
Industrial coatings	<input checked="" type="checkbox"/>

highly recommended ☒
recommended ☐

Product Specification

Active ingredients	100 %
Density 20°C	1.10 g/cm ³
Acid value	26.5 mg KOH/g
Amine value	27.3 mg KOH/g
Appearance	Light brownish clear liquid

Addition levels

Amount of solid additive based on pigment (SOP):

- Inorganic pigments: 2 – 5 %
- Titanium dioxides: 2 – 5 %
- Organic pigments: 15 – 40 %
- Carbon blacks: 20 – 80 %

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 590 U 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. At low temperature the product may become turbid, this will not affect the product performances