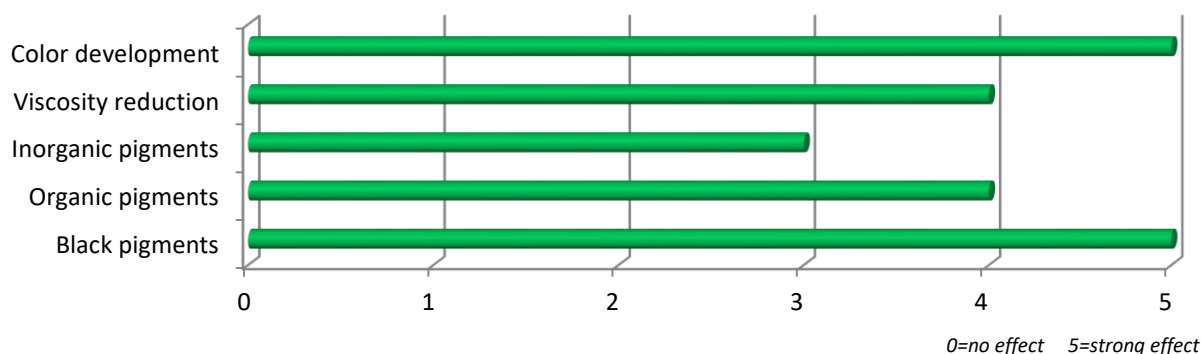


# UNIQ<sup>®</sup> SPERSE 680 U

Polymeric dispersant



**UNIQ<sup>®</sup> SPERSE 680 U** is a wetting and dispersing additive for water based or solvent based applications. The dispersant is especially developed for the grinding of carbon black to give excellent jetness development. Also very well suited for inorganic or organic pigments and resin free pigment concentrates.

## Special Features

- Water borne or solvent borne applications
- Excellent dispersant for inorganic and organic pigments, especially for carbon black
- Suited for resin free pigment concentrates
- Strong viscosity reduction
- High transparency and gloss
- Improves hiding power

## Application

Architectural coatings	<input type="checkbox"/>
Wood and furniture coatings	<input 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"/>

highly recommended   
recommended

## Product Specification

Active ingredients	100 %
Density 20°C	1.08 g/cm <sup>3</sup>
Acid value	9 mg KOH/g
Amine value	65 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
- 200 kg

## Shelf life

**UNIQ<sup>®</sup> SPERSE 680 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