

UNIQ[®] JET 9530

Polymeric dispersant

UNIQ[®] JET 9530 is a 100% active polymeric dispersant which will improve pigment dispersion and stability in solvent based and UV based digital inks.

Special Features

In the applications, the following benefits are delivered:

- Highly pigmented dispersion
- Improved particle size reduction
- Improvements in particle size stability
- Excellent viscosity stability
- Improved gloss and color strength
- Good transparency and less haze

Application

Solvent based digital ink	■
Gravure ink	■
UV digital ink	■
UV flexo	■

highly recommended ■

recommended □

Product Specification

Active ingredients	>97%
Density 20°C	0.97 g/cm ³
Amine value	45 mg KOH/g
Acid value	13 mg KOH/g
Color	<10
Appearance	Waxy paste

Addition levels

UNIQ[®] JET 9530 need to use the JET in the grinding paste formula, should be added before the paint to join. The amount of dispersant added depends on the surface area of the pigment/filler used. The amount added is the dispersant that requires 2 mg of the active ingredients per square meter of pigment surface area. The calculated % AOWP is the specific surface area divided by 5. In a digital inkjet application, the amount of dispersant added is 6 mg per square meter of pigment surface area. For 6 mg of additive, pigment specific surface area /1.66= % effective component dispersant/pigment.

Packaging

- 25 kg

Shelf life

UNIQ[®] JET 9530 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.