

efka® - 4010

Polymeric dispersant for the deflocculation of inorganic pigments, carbon blacks and many organic pigments

Composition: Modified polyurethane

Data:

Active ingredients	: 49 - 51%	
Solvents	: butylacetate/methoxypropylacetate/alkylbenzene	
Density at 20 °C	: 0.96 - 1.00 g/cm ³	DIN 51757
Acid value	: 10 - 15 mg KOH/g	DIN 53402
Amine value	: 4 - 8 mg KOH/g	DIN 16945
Flashpoint	: 24 °C	ISO 3679
Colour	: max. 6	ISO 4630

Properties: EFKA-4010 is a polymeric dispersant principally developed for stabilizing inorganic pigments including carbon blacks. It also has an excellent performance in many organic pigments. This results in:

- reduced grinding time
- improved gloss
- prevention of flooding and floating problems
- higher colour strength

Due to its particularly good combination of price and performance, EFKA-4010 is a very attractive substitute for conventional wetting and dispersing agents.

It is possible to mix combinations of inorganic pigments stabilized with EFKA-4010 and organic pigments stabilized with other EFKA high molecular weight polymeric dispersants.

Application: EFKA-4010 has been developed as a general dispersing agent for all solvent-based paints from high performance industrial coatings to normal decorative paints. EFKA-4010 can also be used in universal solvent-based pigment concentrates.

Addition:

Titanium dioxide	: 2 - 4% (as supplied)
Inorganic pigments	: 5 - 10% (as supplied)
Organic pigments	: 20 - 40% (as supplied)
Carbon blacks	: 30 - 60% (as supplied)

Incorporation: EFKA-4010 should be incorporated in the mill base before adding the pigments.

Storage: EFKA-4010 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. The expiry date is indicated on the container. The haziness and crystallization, which can take place upon storage at low temperature, has no influence on the quality of the product and can be reversed by heating.

Packaging: 25 kg and 190 kg non-returnable containers
