

efka® - 4020

Polymeric dispersant for the deflocculation of inorganic pigments, carbon blacks and many organic pigments for aromatic-free systems with low odour

Composition: Modified polyurethane

Data:

| | | |
|----------------------|-------------------------------|-----------|
| Active ingredients : | 64 – 66 % | |
| Solvents : | methoxypropylacetate | |
| Density at 20 °C : | 1.03 - 1.05 g/cm ³ | DIN 51757 |
| Amine value : | 8 - 10 mg KOH/g | DIN 16945 |
| Flashpoint : | 42 °C | ISO 3679 |
| Colour : | max. 5 | ISO 4630 |
| Appearance : | clear, light yellow liquid | |

Properties: EFKA-4020 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, and high solid content EFKA-4020 is a very attractive substitute for conventional wetting and dispersing agents.

It is possible to mix combinations of inorganic pigments stabilized with EFKA-4020 and organic pigments stabilized with other EFKA high molecular weight polymeric dispersants.

Application: EFKA-4020 has been especially developed as a general dispersing agent for all low aromatic or aromatic-free solvent-based paints from high performance industrial coatings to normal decorative paints. It gives excellent performance in epoxy systems as well. EFKA-4020 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-4020 should be incorporated in the mill base before adding the pigments.

Storage: EFKA-4020 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.

Packaging: 25 kg and 210 kg non-returnable containers
