

WETTING AND DISPERSING

QK3310 Solvent-Free Polymer Dispersant

Positioned against EFKA 4310

100% active dispersant for epoxy and UV systems, with no risk of resin crosslinking and strong anti-float behaviour.

Overview

QK3310 is a 100% active polymer dispersant for organic pigment, carbon black and inorganic pigment. It is aimed at epoxy and UV systems and at highly polar formulations generally. Two things define it: it does not cause resin crosslinking, which is the usual failure mode for reactive dispersants in epoxy and UV, and its resistance to floating and flooding is very good.

Typical Data

Property	Value
Basis	100% active polymer dispersant
Appearance	Yellow to light red liquid
Valid portion	Above 99.0%
Density (20C)	Approximately 1.06 g/ml
Acid value	5-15 mg KOH/g
Storage	Cool and dry
Shelf life	2 years from production date, unopened
Packing	25 kg / 200 kg

Recommended Dosage

Basis	Addition level
Inorganic pigments	2-5%
Organic pigments	10-20%
Titanium dioxide	2-4%
Carbon black	20-30%

Dispersant figures are percentages on pigment weight, not on the total batch. Published values are empirical; confirm the optimum with a dosage ladder in your own system.

Use Guide

- Add during the grinding process. The recommended amount is a percentage of the pigment added.
- Store in a cool dry place; shelf life is two years in the unopened original container.
- Confirm pot life in a two-component epoxy before committing a production batch.

Applications

- Epoxy floor and tank lining systems
- UV-cured coatings and inks
- Highly polar solvent-free formulations
- Mixed shades where floating shows as streaking

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Typical values are indicative of the product and are not release specifications. Data reproduced from the manufacturer data sheet.