

WETTING AND DISPERSING

QK3740 Wetting and Dispersing Agent

Positioned against Clariant Dispersogen 2774

100% active polymer dispersant that adds no carrier to waterborne coatings, inks and concentrates.

Overview

QK3740 is a polymer dispersant supplied at 100% active substance, so nothing but dispersant goes into the formulation. It carries non-ionic modified pigment affinity groups and improves wetting, dispersion and storage stability in waterborne coatings, waterborne inks and pigment concentrates, with good performance on organic pigment and carbon black.

Typical Data

Property	Value
Chemical composition	Polymer with non-ionic modified pigment affinity groups
Appearance	Yellow liquid
Active ingredient	100% active
Density	Approximately 1.0 g/cm ³
pH	7
Storage	15-35C, out of direct sunlight
Shelf life	24 months from production date
Packing	25 kg / 200 kg

Recommended Dosage

Basis	Addition level
Inorganic pigments	1-5%
Organic pigments	10-30%
Carbon black	40-80%

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

- Dissolve the additive evenly in water or a glycol solvent such as ethylene glycol.
- Add the solution to the mill base, then grind.
- Cloudiness at low storage temperature is normal; warm the drum before use.
- Avoid direct skin contact; rinse with soap and water if it occurs.

Applications

- Formulations where every point of formulation space is already allocated
- Waterborne wood and industrial coatings
- Waterborne inks
- Pigment concentrate pastes

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