

WETTING AND DISPERSING

QK3730 Wetting and Dispersing Agent

Positioned against TEGO 760W

APEO-free dispersant built for carbon black and organic pigment in waterborne ink, inkjet and leather coatings.

Overview

QK3730 is a polymer dispersant free of APEO-class hazardous substances, carrying non-ionic modified pigment affinity groups. It stabilises organic pigment in waterborne coatings, waterborne inks and pigment concentrates, and it is written specifically around carbon black: it prevents thickening, holds jetness and strongly reduces grind viscosity.

Typical Data

Property	Value
Chemical composition	Polymer with non-ionic modified pigment affinity groups, APEO-free
Appearance	Yellow transparent liquid
Active ingredient	35%
Density	Approximately 1.0 g/cm ³
Solvent	Water
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	4-20%
Organic pigments	10-50%
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

- Disperse the additive fully and evenly in water first, then add it to the mill base and grind.
- Keep drums out of direct sunlight between 15 and 35C.
- Dosage is on pigment weight, not on the batch.
- Avoid direct skin contact; rinse with soap and water if it occurs.

Applications

- Waterborne ink and inkjet ink
- Carbon black concentrate that thickens on storage
- Industrial coatings needing deep blacks
- Leather coatings

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