

WETTING AND DISPERSING

QK3340 Solventborne Dispersant

High molecular weight solventborne dispersant for carbon black jetness in coil, anti-corrosive and marine coatings.

Overview

QK3340 is a high molecular weight dispersing additive for solventborne coating systems, supplied at 44 to 46% active in PMA. It is a general-purpose workhorse: it lifts gloss and colour brilliance on organic pigments, resists flocculation, reduces fogging from uneven dispersion, and gives strong jetness and viscosity reduction on carbon black, including high-pigment carbon blacks.

Typical Data

Property	Value
Basis	45% active substance, solvent PMA
Appearance	Buff to brown liquid
Active ingredient	44.0-46.0%
Density (20C)	Approximately 0.98 g/ml
Flash point	Above 47C
Storage	Cool and dry
Shelf life	2 years from production date, unopened
Packing	25 kg / 200 kg

Recommended Dosage

Basis	Addition level
Inorganic pigments	1-3%
Organic pigments	20-50%
Titanium dioxide and fillers	1-3%
Carbon black	30-80%

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

- Below 5C the product can thicken or separate. Warm it to room temperature and mix evenly before use; product quality is not affected.
- Dosage figures are on pigment, so recalculate whenever pigment loading changes.
- Confirm compatibility first in short and medium oil alkyd and saturated polyester systems.

Applications

- Coil coatings
- Anti-corrosive coatings
- Marine coatings
- Alkyd drum and container paint

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