

RHEOLOGY CONTROL

QK8330 Waterborne Rheology Control Agent

Positioned against DISPARLON 633E

Modified polyamide salt that orients effect pigments and stops settling in waterborne automotive and industrial coatings.

Overview

QK8330 is a modified polyamide salt used to control the orientation and settling of effect pigments in waterborne coatings. It lifts the brightness of solvent-free effect pigment slurries and reduces mottling and cloud patches, while having far less impact on system viscosity than polyurethane or acrylic thickeners.

Typical Data

Property	Value
Chemical composition	Modified polyamide salt
Appearance	Pale yellow paste
Non-volatile content	20%
Solvent	Propylene glycol methyl ether / water
Reaction	Slightly acidic
Storage and transport	Below 45C
Packing	50 kg plastic drum

Recommended Dosage

Basis	Addition level
On total formulation, as supplied	1-5%

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

- Amine present in the system helps QK8330 disperse directly, with no dissolution or polymer pre-treatment step.
- Pre-blend water and QK8330 at a 4:1 ratio; the blend can be added at any stage.
- Keep storage and transport below 45C.

Applications

- Waterborne automotive basecoats with aluminium or pearl pigment
- Waterborne industrial coatings with a metallic finish
- Solvent-free effect pigment slurries made for tinting

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