Kusumoto Chemicals, Ltd.

DISPARLON® AQR-562

Defoaming Agent for Water-Borne Systems

TECHNICAL DATA SHEET
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DISPARLON® AQR-562 is a silicone-free defoaming agent based on vinyl polymer and organic hydrophobic particles. DISPARLON® AQR-562 provides superior foam-breaking and anti-foaming performance, along with long-lasting defoaming properties. Furthermore, DISPARLON® AQR-562 is suitable for baking coating systems, including automotive and industrial coatings, as well as high-viscosity applications such as flooring and waterproofing coatings.

TYPICAL PROPERTIES

The following figures are typical properties, not to be used for specification.

Appearance	Light yellowish-white to yellowish-white liquid
Active components	Vinyl polymer / surfactant / hydrophobic particles
Density (20 °C)	0.890 g/cm^3
Solvent	Hydrocarbons / Ethanol

ADVANTAGES

- Excellent foam-breaking and long-lasting defoaming performance.
- No adverse effect on film gloss.
- Silicone-free with excellent recoatability.

APPLICATION

DISPARLON® AQR-562 is suitable for baking coating systems such as acrylic-melamine, as well as air-drying coating systems including acrylic, acrylic-silicone, epoxy, and urethane coatings for wood, architectural, flooring, and waterproofing applications.

INCORPORATION

Addition levels

0.3–1.5 wt% on total formulation.
The optimal additive level should be determined under actual use conditions.

Method

Although the product's fluidity decreases when left standing, it is readily restored by shaking.
Shake well before use to restore fluidity.
Can be added at any stage of the paint manufacturing process.
After addition, disperse thoroughly with a dissolver or other suitable dispersing equipment.
A slightly higher dosage may be required when added during premixing due to partial adsorption onto pigment surfaces.

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