



淮南市上研化工有限公司

AMORSO-519

High Molecular Wetting Dispersant

Introduction:

AMORSO-519 is a wetting dispersant for solvent-borne coatings and pigment concentration. It can stabilize all kinds of pigments and has wide compatibility, it is suitable for solvent-borne pigment concentration with aldehyde or acrylic resin as grinding resin.

Features:

- the high-molecular-weight additive can release the pigment from flocculation and stabilize the pigment through steric hindrance.
- provide the same charge to the pigment particles.
- the resulting repulsive force and potential resistance stabilization can effectively avoid possible co-flocculation, so that the multi-pigmentation system will not produce floating color and color blur.
- the flocculation performance of the additive can increase the luster, color strength, transparency and shading power of the coating, it also reduces the viscosity of the abrasive.

Applications:

Wide miscibility, can be used in various solvent formulations, can also be used in the remediation for the problematic paint.

Technical data:

Composition: high molecular weight block copolymer solution containing pigment affinity group

Non-volatile part: 45%

Solvent: esters / aromatics

Usage and dosage:

- adding method and process guidance

In order to obtain the best performance, the additive agent should be added to the grinding material and then the pigment. The resin and solvent components of the abrasive are premixed, and then the additives are added slowly under constant stirring. Do not add pigments until the additives are mixed evenly. They can be added later to remedy the problematic paint, at this time, they need to be added slowly under high shear conditions.

- additives (purchased form) based on pigments:

Inorganic material :15%-20%

Titanium dioxide :4%-5%

Organic pigments :30%-60%

[The above data and specification is only for reference, customer should do the test based on different application and requirement to see if it is appropriate and suitable for their usage.]

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Carbon black :80%-100%

Package:

25KG plastic barrel

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