



## 淮安市上研化工有限公司

# AMORSO-544

## Wetting Dispersant

### Introduction:

AMORSO-544 is a wetting dispersant for solvent-borne, solvent-free coatings and printing inks to stabilize inorganic pigments, especially titanium dioxide. It can significantly reduce the viscosity of the grinding material.

### Features:

- make the pigment's flocculation decomposed by space resistance. Because the pigment particles are very small, high gloss and color intensity can be improved
- increase transparency and covering power
- can reduce viscosity, thus improving fluidity and increasing pigment addition
- when it is used in the electrostatic high-speed rotating coating for inorganic pigment, the fog shadow can be significantly reduced
- for inorganic pigments, titanium dioxide, it has good color expansion and low viscosity

### Technical data:

Composition: anionic polymer

Appearance: light color liquid

Active substance: 100%

Acid value: 45±10

### Applications:

- various solvent coatings; acrylic acid, polyamine ester - alkyd, chlorinated rubber, etc.
- highly effective for inorganic pigments, such as titanium dioxide, iron trioxide, red lead oxide, zinc powder, carbon black.

### Usage and dosage:

Add before grinding, amount of additive (as supplied) based upon pigment:

Inorganic pigment: 1%—3%

Organic pigment: 3%—7%

Carbon black pigment: 5%—10%

### Package:

25KG plastic barrel

[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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