



# 淮安市上研化工有限公司

## AMORSO-095

### Modifier

#### Introduction:

The AMORSO-095 can effectively act as a multifunctional additive for various types of latex paint, the use of AMORSO-095 as a co-dispersed agent in the formula can prevent the pigment from being condensed again.

#### Features:

1. benefits of using AMORSO-095 during grinding
  - when used in conjunction with traditional dispersants, the amount of dispersants can be reduced by 5%-30%
  - the best pigment dispersion
  - foam is reduced due to the decrease of dispersant dosage (as interfacial active agent, the dispersant is easy foaming)
  - effectively control the PH value, effectively reduce the cost of formula
2. the benefits of using AMORSO-095 in the paint stage
  - improve thickener performance
  - improve the color rendering of the color paste
3. AMORSO-095 improves paint film performance
  - improve scrub resistance and water resistance
  - reduce corrosion and rust in the tank, effectively reduce the smell of the system
  - does not cause an increase in the volatile organic components (VOC) of the system

#### Improving dispersion efficiency of pigments

Dispersant	Dispersant dosage (solid)/ pigment weight%		dispersant reduction percentage
	Contains no AMORSO-095	Contains AMORSO-095	
TAMOS 731[A]	0. 118	0. 085	28
NOPCOSPERSE 44[B]	0. 113	0. 087	23
TAMOS 963[A]	0. 100	0. 075	25

#### How to help reduce paint cost

Since AMORSO-095 is a multifunctional additive, it can reduce the cost and make the coating performance equal to or even optimize the coating without AMORSO-095.

1. ammonia substitute, anti-rust agent
2. and reduce the amount of four auxiliaries, thus reducing the total cost of raw materials
  - dispersant ● surfactant
  - defoamer ● thickener

#### Technical data:

Composition: polyamine

Active substance: 50%±3%

#### Applications:

[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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- water-borne system
- plastic paint

## Usage and dosage:

### 1. in the grinding stage

AMORSO-095 used as co-dispersant, the addition method is to replace 30% of solid of the dispersant in the existing system. For general addition amount, 0.1%-0.3% of total formula.

### 2. paint stage

Typical formulation, for stability, the optimum neutralization degree of thickener and the amount of corrosion of AMORSO-095 in tank is 0.1%-0.3% of the total amount.

## Package:

25KG barrel

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