

Dispersant

RD-9480

Characteristics and advantages:

Dispersant RD-9480 is a weak anionic copolymer aqueous solution of high-molecular long-chain polymers and pigment affinity functional groups (specially modified styrene maleic anhydride copolymer). It is used for the dispersion of organic, inorganic and carbon black pigments in water-based systems, and can be used to produce self-drying or baking water-based 2K coatings, as well as to produce resin-free color pastes. RD-9480 has excellent effects of reducing viscosity and stabilizing color pastes. It can enhance gloss, color intensity, covering power, and prevent the defects of floating color and mottling. It has good water resistance and salt spray resistance in water-based industrial paint systems

Product parameters:

Appearance	Brownish-yellow liquid
Valid copy	40±2%
Specific gravity	1.02g/cm ³
Chroma (Gardner)	≤7
Boiling point	≥100℃
PH value	7-8

Application field:

1. Preparation of various high-end resin-free water-based color pastes
2. Automotive paint (putty and primer), industrial coatings, wood and furniture coatings, water-based inks

Recommended dosage:

Inorganic pigment	1-5%
Organic pigment	7-20%

Technical Data Sheet

Low surface carbon black	40—80%
High surface carbon black	80—150%

Usage method:

First, dissolve RD-9480 in the mixture of the grinding base material, and then add the pigment for grinding.

Packaging:

Net weight 25Kg/ drum, 200kg/ drum, IBC ton drum

Storage

- 1.Keep away from high temperatures and fire sources. Place in a well-ventilated and cool place;
- 2.Please seal after use. Shelf life: 12 months.