

Dispersant D110R

(Similar to BYK 110)

First, Summary

High molecular active polymers with acidic anchoring groups.

Second, Main features

Appearance: colorless to light yellow liquid

Acid value: 40-70 mg KOH / g

Density: 0.95-1.05 g / ml (25 °C)

Solid content: 50%

Solvent: xylene / butyl acetate

Third, Recommended dosage

Inorganic pigments: 5-10%

Titanium dioxide: 2-4%

Forth, Feature introduction

D110R prevents pigment flocculation by establishing a spatial barrier effect between pigment particles. As it could keep the pigment in the minimum particle size state without flocculation, it could achieve higher gloss and higher color strength, improve the transparency and the hiding power. D110R significantly reduces the viscosity of the system with dispersed titanium dioxide, improves leveling, increases the pigment concentration of titanium dioxide and improves the light stability of white paints.

D110R is suitable for stabilizing of pigment pastes with inorganic pigments, particularly titanium dioxide. In general, it can be used in combination with amine anchored dispersants such as D2163R and D163R.

Fifth, Packaging and shelf life

Due to the acidity of D110R it may catalyze and accelerate the crosslinking of baking paint systems. The change in the viscosity of the paint should be checked during storage.

Due to the extremely high molecular weight of D110R, turbidity and separation may occur at low temperatures (lower than 10 °C). It should be heated at the room temperature before usage, then mixed evenly, so the product quality will not be affected.

25kg, 50kg, 200kg plastic drum \ iron drum packaging.