

Universal Hyperdispersant LD-6410

First, Description

LD-6410 is an acrylate block polymer type super dispersant with strong dispersion ability and stability. It could greatly reduce the viscosity, prevent pigment floating, and is suitable for the production of resin-free pigment pastes and chips. The product could provide wetting and dispersing of all types of pigments and fillers in solvent-borne, solvent-free, water-borne and UV-curable systems. It belongs to non-ionic type of dispersants.

Second, Physical properties

Appearance: light yellow to amber liquid

Viscosity(25°C): 1200-3000 mPa.s

Active content: 100%

pH value: 5-7

Third, Application

Key recommendations

Carbon black: 30-100%

Titanium dioxide: 0.5-3.0%

Organic pigments: 5.0-20.0%

Inorganic pigment: 5-10%

Metal powder: 1.0-5.0%

General recommendations

Extinction powder: 3.0-5.0%

Fourth, Usage

At first add dispersant, stir evenly, then put pigments, and disperse at high speed.

Fifth, Product characteristics

Suitable for the production of resin-free pigment pastes. It is suitable for solvent-free and water-borne high concentration pigment concentrates. It is especially suitable for the dispersion of ultra-fine carbon black and organic pigments. The dispersant greatly reduces the viscosity of the system and maintain the stability of pigment paste, improves the fineness, gloss and hiding power. It has a wide range of resin compatibility.

Sixth, Storage and packaging

The shelf life of the product is 36 months from the date of production. Packaging of finished product: 25kg, 200kg plastic barrel.