

Water-borne Wetting and Dispersing Agent LD-64192

(Similar to TEGO-755W)

LD-64192 prevents pigment flocculation through space steric hindrance. Deflocculated and stabilized pigment particles provide higher color intensity, hiding power and transparency. The viscosity of the product is reduced after dispersion, so the leveling is improved and the pigment content could be increased.

Basic Data

Composition: high molecular weight block copolymer solution

Appearance: yellow transparent liquid

Solvent: water

Acid value: 10-25 mg KOH/g

Active ingredient: 50%

Recommended dosage

Inorganic pigments: 10% - 20%

Titanium dioxide: 2% - 5%

Organic pigments: 15% - 30%

Carbon black: 30% - 100%

Addition and handling

In order to achieve best performance additive should to be slowly added (under stirring) into the mixture of resin and cosolvent. When used in resin-free pigment concentrates, the additive should be mixed with water and properly dispersed before adding the pigment.

Application area

Recommended systems: water-borne pigment concentrates, architectural coating systems, industrial coating systems, automotive coating systems, wood and furniture coating systems, anti-corrosion coating systems, printing inks.

Features and Benefits

LD-64192 is the best dispersant for production of stable resin-free pigment concentrates for general industrial water-borne paint systems with pigment floating resistance. In order to achieve best performance, it is recommended to use only LD-64192, water and pigments (without resin and cosolvent) in the grinding process. LD-64192 contains no organic solvent and is applicable only to water-borne systems.