

Wetting and Dispersing Additive

SURFADIOLS 760W

(Alternative to TEGO Dispers 760W)

SURFADIOLS 760W is a non-ionic wetting and dispersing additive with focus on pigment wetting. Shows outstanding color strength development and viscosity reduction when used as a co-dispersant. With carbon blacks, it provides high pigment loadings, high jetness, and long-term stability. It is recommended to disperse organic pigments and carbon black in water-based systems, especially color pastes and inks.

Typical properties

Appearance	Colorless or light-yellow liquid
Composition	Aqueous solution of surfactants and polymers with groups of high pigment affinity
Active substance content	35%
Solvent	Water
Amine value	2-20mg KOH/g
Density (20°C), g/cm ³	1.000-1.200
Viscosity	150-450mpa.s

Special properties

- Especially suitable for carbon black and organic pigments
- Strongly reduce grinding viscosity
- Mainly recommended for grinding with resin
- Excellent coloring power (color development)
- Solvent free and APEO free

Scope of application

The additive is suitable for water-based systems:

- Flexographic and gravure printing inks
- Industrial coatings
- Ink-jet inks
- Leather coatings
- Pigment concentrates

Incorporation and Processing Instructions

Add to the grind before dispersion.

Recommended Levels

As supplied calculated on grind, for binder-free grinding: 20.0-40.0%;

As supplied calculated on grind, in addition to grinding resin: 1.0-5.0%

Package and storage

The standard package is 25kg plastic pails.

Keep containers tightly closed in a dry, cool, and well-ventilated place. When stored in an original unopened packaging, the product has a shelf life of 12 months from the date of manufacture.