



TEKsperse SW1

Solution of cationic copolymer

Description:

TEKsperse SW1 is a polymeric graft of polyester-acrylic type copolymers solution of cationic polymeric. The dispersion agent especially designed as wetting and dispersing agent for both water base and solvent base coatings and inks. TEKsperse SW1 prevents reflocculation of pigments through steric hindrance and therefore stabilizes the color strength and hue of pigments in paints and pigment concentrates system. Its high concentration of pigment affinic group improves the wetting and dispersing. TEKsperse SW1 designed to disperse difficult organic pigment especially high color carbon black. The dispersion agent also can be used for other colors such as red, blue, green, and yellow.

Physical constant:

Appearance	Yellowish solution
Percent active, %	39-41
Solvents	Blend of glycols solvents

Application:

TEKsperse SW1 can be used in all types of water base and solvent base coatings and inks such as automotive base coat (OEM and refinish), industrial coatings, coil coatings, and liquid inks. TEKsperse SW1 is compatible to difference resin chemistries particularly acrylic, polyester, alkyds and polyurethane system.

Recommend Dosage:

High color carbon black (T area >250 m ² /gram)	30-40% active on carbon black
Medium color carbon black (T area = 200-250 m ² /gram)	10-20% active on carbon black
Regular color carbon black (T area < 200 m ² /gram)	5-10% active on carbon black
Other colors pigment	30-40% active on pigment
Inorganic pigment	10-15% active on pigment

Incorporation:

TEKsperse SW1 can be incorporated in the resin grind system.

US: Chem-Teks
Lowell, MA 01851
TEL: 978-689-5017

Asia: Sun Neutral (M) Sdn Bhd,
24-A-5, 4th floor, Jalan SS6/3, Kelana Jaya
47301 Petaling Jaya
Selangor, Malaysia
TEL: +603-78049508, FAX: +603-78800618