



TEKsperse BM1

High molecular weight polymeric dispersant with high cationic functionality

Description:

TEKsperse BM1 is a high molecular weight polymer blend of acrylic type copolymer dispersion agent designed as wetting and dispersing agent for solvent base coating. TEKsperse BM1 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 groups improves the wetting and dispersing even at a low dosage. TEKsperse BM1 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	Clear to slightly haze yellow liquid
Percent active, %	44-46
Solvents	Nitroparaffin

Application:

TEKsperse BM1 can be used in all types of solventborne coatings such as automotive base coat (OEM and refinish), high performance industrial coatings, and coil coatings. TEKsperse BM1 is compatible to difference resin chemistries particularly acrylic, polyester, and alkyd (long, medium, and short chain).

Recommend Dosage:

High color carbon black (T area >250 m ² /gram)	20-40% 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)	3-5% active on carbon black
Other colors pigment	5-20% active on pigment
Inorganic pigment	5-10% active on pigment

Incorporation:

TEKsperse BM can be incorporated in the mill base of resin or resin free system.

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