

Teksperse BM3

High molecular weight polymeric dispersant with cationic functionality

Description:

Teksperse BM3 is a high molecular weight polymer blend of polyester type copolymer dispersion agent designed as wetting and dispersing agent for solvent base coating especially liquid ink. Teksperser BM3 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. Teksperser BM3 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 yellowing liquid
Percent active, %	38-41
Solvents	Nitroparaffin

Application:

Teksperse BM3 can be used in all types of solvent base coatings such as industrial coating. Teksperser BM3 is strongly suggested for liquid ink application.

Recommend Dosage:

High color carbon black (T area >250 m ² /gram)	30-50% active on carbon black
Medium color carbon black (T area = 200-250 m ² /gram)	10-15% active on carbon black
Regular color carbon black (T area < 200 m ² /gram)	2-4% active on carbon black
Other colors pigment	5-20% active on pigment
Inorganic pigment	5-10% active on pigment

Incorporation:

Teksperse BM3 can be incorporated in the mill base of resin or resin free system.

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