



## Teksperse NS6

**High molecular weight polymeric dispersant with high cationic functionality**

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### **Description:**

Teksperse NS6 is a new high molecular weight difunctional polymer blend of mostly hydrophobic type dispersion agent designed as wetting and dispersing agent for solvent base system. Teksperser NS6 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 NS6 designed to disperse difficult organic pigment especially high color carbon black. Dispersion of carbon black results in coating with very high jetness. The dispersion agent especially works well with black but it also can be used for other colors such as red, blue, green, yellow and purple. It can also be used to disperse iron oxide pigment.

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### **Physical constant:**

<b>Appearance</b>	<b>Low viscosity solution</b>
<b>Percent active, %</b>	<b>100</b>

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### **Application:**

Teksperse NS6 can be used in all types of solvent base coatings such as automotive, high performance industrial coatings, coil coatings, and others. Teksperser NS6 is compatible to difference resin chemistries particularly acrylic, polyester, and alkyd (long, medium, and short chain).

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### **Recommend Dosage:**

High color carbon black (Cabot M1300 or Degussa FW200 type)

**40-60% active on carbon black or 0.4-0.6 part of wet dispersant to 1 part of pigment**

Medium color carbon black (Cabot M900 or Degussa SS6 type)

**20-40% active on carbon black or 0.2-0.4 part of wet dispersant to 1 part of pigment**

Regular color carbon black (Cabot R400, Degussa SS4, or MA100 type)

**10-15% active on carbon black or 0.1-0.15 part of wet dispersant to 1 part of pigment**

Other colors pigment

**10-20% active on pigment or 0.1-0.2 part of wet dispersant to 1 part of pigment**

Inorganic pigment

**5-10% active on carbon black or 0.05-0.1 part of wet dispersant to 1 part of pigment**

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