



Teksperse NS7

High molecular weight hydrophobic polymeric dispersant

Description:

Teksperse NS7 is a high molecular weight hydrophobic polymer blend dispersion agent designed as wetting and dispersing agent for solvent base system. Teksperser NS7 designed to disperse difficult organic pigment especially carbon black in solvent base ink system. 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.

Physical constant:

Appearance **high viscosity solution**
Percent active, % **100**

Application:

Teksperse NS7 can be used in all types of solvent base ink system especially polyamine and oil base system. Teksperser NS7 is also compatible to difference resin chemistries particularly acrylic, polyester, and alkyd (long, medium, and short chain).

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

The information in this data sheet is, to the best of our knowledge, true and accurate, but all recommendations and suggestions are made without guarantee since conditions of use and storage after leaving our possession are beyond our control. Chem-Teks disclaims any liability incurred in connection with the use of these products and recommendations.