



Suga® Sperse 90P

100% Natural Pigment Dispersant

DESCRIPTION Poly Alkyl Glucoside Sorbitan Oleate

INVENTORIES TSCA (US), REACH (EU) Polymer Exempt, Australia (AICS) PLC

Suga® Sperse 90P is a naturally-based non-ionic polymeric pigment dispersant that aids in wetting and dispersion of pigments in aqueous coatings or pigment concentrates. It is derived from alkyl glucoside chemistries and offers formulators more sustainable advantages than typical surfactants. Suga® Sperse 90P stabilizes pigment particles and offers good wetting for lower surface tension than that of the pigment.

Usage	5 – 20%
Pigment Type	Organic & Inorganic

BENEFITS

- 100% naturally-derived, high biobased chemistry
- Free of alkyl phenol ethoxylates
- 1,4-dioxane free
- VOC-free
- Biodegradable
- Nonionic
- Aids in wetting and dispersion of pigments in aqueous coatings by means of steric stabilization
- Effective dispersant for pigment concentrates
- Provides reduction in viscosity
- Improved processing times
- Easy and safe to process and handle
- Increased pigment loading

APPLICATIONS

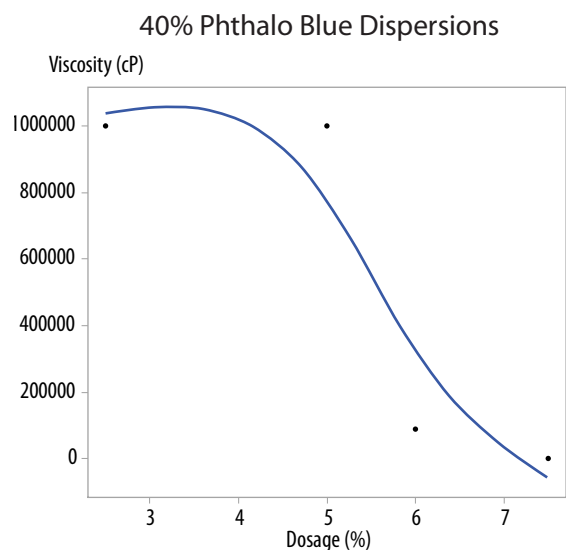
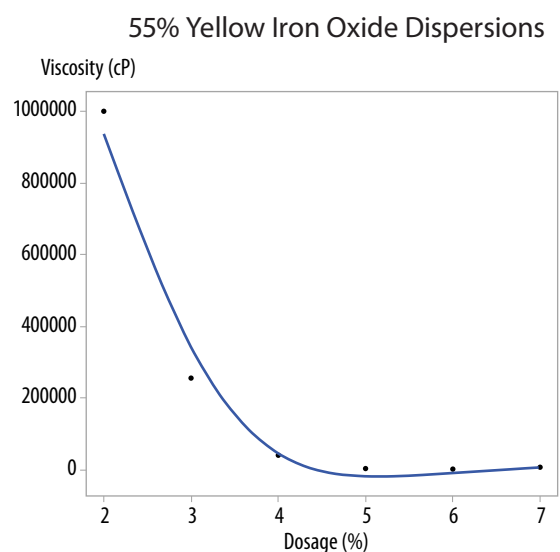
- Pigment wetting and dispersing

SPECIFICATIONS

Appearance, 25°C	Clear Liquid
pH, 10% aqueous	6.0 – 8.0
Solids, %	65.0 – 68.0
NaCl, %	6.0 – 8.0
Color, Gardner BYK	4 Max.
HLB	12 - 14
Density (g/cm ³)	1.187

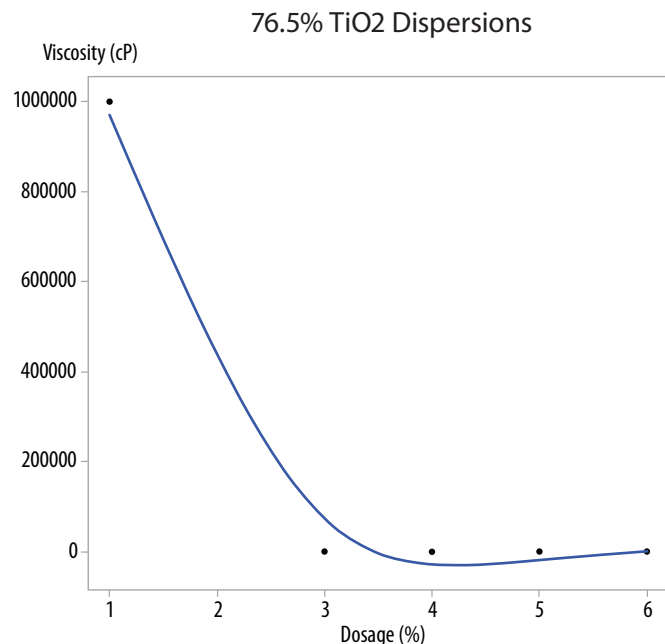
PIGMENT DISPERSION TESTING

Test results shown below.



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Test results shown below.



STORAGE AND HANDLING

It is recommended that Suga®Sperser 90P be stored in sealed containers at temperatures not exceeding 120°F (49°C). Shipped in 55 gallon poly drums (net weight 450 lb/204 kg). Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.

Patent Pending



Colonial Chemical
Innovative Specialty Surfactants
www.colonialchem.com