

SOLSPERSE™ W210

A 100% active APE-free polymeric dispersant

PERFORMANCE COATINGS

PRODUCT DESCRIPTION

SOLSPERSE™ W210 is a 100% active polymeric dispersant, which will improve pigment dispersion and stability in aqueous paints and inks.

FEATURES/BENEFITS

In applications below, the following benefits are achieved:

Fast wetting polymeric dispersant with improved flocculation resistance and dispersion stability enabling organic pigments particularly carbon black to achieve optimal tinting strength, colour development, and transparency in resin-free and resin-containing grinds.

- Rapid pigment wetting
- Increased pigment concentration
- Excellent viscosity reduction and particle size stabilisation
- Excellent storage stability
- Better tinctorial properties, particularly carbon black (jetness) and perylenes (transparency)

*not intentionally added in manufacture.

PHYSICAL CHARACTERISTICS*

Appearance	Amber Liquid
Density (g/cm ³)	1.12
pH (10% solution in water)	Approx. 9.5
Gardner Colour	16 maximum

* Property values represent typical results only and are not to be considered specifications.

TYPICAL APPLICATIONS

Automotive OEM and Refinish
Industrial Coatings
Metallic Inks (non-food contact)
Stabilisation of graphene and graphene oxide

SOLSPERSE™ W210 should be thoroughly blended with the millbase resin/solvent mixture before the addition of pigments.

Addition levels should be based on the surface area of the pigment/filler. The dosage level is typically, 2 mg active dispersant per square meter of pigment surface area. This is simply the BET surface area divided by 5. For high surface carbon blacks, the typical recommended dosage level is 70% AOWP (Active dispersant On Weight of Pigment).

RECOMMENDED RETEST DATE (RRD)/STORAGE

Visual changes including turbidity and separation may occur during storage or transportation
Below 5 °C warm to 25-35 °C and stir before use.

Recommended Retest Date (RRD) 2 years: refers to storage in unopened original packaging between +5 and +35 °C.

Standard pack size: pails, drums, and IBC's.

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizolcoatings.com.