

Dispersing agent for Aqueous Systems

Description

A Sodium Polyacrylate that has been developed to give a product of a specific molecular weight that offers optimum dispersing properties for a wide range of inorganic powders such as Kaolin, Calcium Carbonate and Talc.

Specification

Appearance at 25°C:	Clear to hazy liquid free from foreign matter
pH (neat):	6.5 - 8.5
Solid Content %:	38.0 - 42.0

Typical Properties

Composition:	Sodium Poly Acrylate
Odour:	Mild
Viscosity at 25°C (cP):	251
Specific Gravity at 20°C:	1.28
Solubility in Water:	Soluble
Pour Point °C:	<0
Flash Point Closed Cup °C:	>150

Solubility

Soluble ● Insoluble ● Dispersible ●

Water ●	Isopropanol ●	MPG ●	Ethanol ●	White Spirit ●	Shellsol A150N ●	Acetone ●
Xylene ●	UV Monomer ●	DEG ●	2 Ethylhexanol ●	Vegetable Oil ●	Mineral Oil ●	

Applications

Lansperse SPA is an APE and VOC free dispersing agent for aqueous pigment dispersions. Lansperse SPA is particularly recommended for the dispersion of Titanium Dioxide. With the use of Kemectant EB3 and Lansperse DS200W pigment loadings of up to 70% can be achieved.

Recommended levels based on pigment level:

Inorganic Pigments 1 - 4%

Incorporation

Incorporate the dispersing agents into the aqueous binder during high-speed dispersion before the addition of the pigments. For higher than 30% pigment loadings this mill base must then be processed through high energy dispersion techniques such as bead mills, basket mills and three roller mills.

Packaging and Storage

Lansperse SPA can be supplied in bulk road tankers, IBC's, 200kg or 25kg nett drums.

Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Lansperse SPA in order to prevent corrosion and subsequent contamination. This material can separate on standing and at low temperatures. May require agitation and warming prior to use.

Regulatory Information

Please refer to Safety Data Sheet.

All information, recommendations and suggestions appearing in the literature concerning the use of the product are based upon tests and data believed to be reliable. However it is the users responsibility to determine the suitability for their own use of the products described here. For non English datasheets translation has been carried out using translation software, Lankem accepts no liability due to errors that occur during translation. Typical properties are based on our own measurements and do not constitute part of the sales specification.