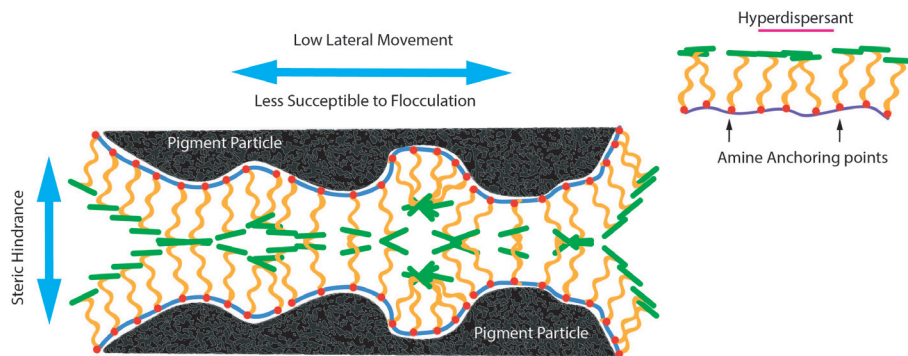


Hyperdispersant - Solvent Systems

Description

Dispersing agents are used extensively in the coatings industry to help disperse solid particles into a liquid medium.

Dispersing agents perform by the anchoring of the surfactant onto the particle substrate and then acting as a barrier to stop re-agglomeration of the particles. This concept is often referred to as steric stabilisation. The new hyperdispersant has three functions, firstly a powerful amine anchoring group that latches onto the pigment substrate, secondly a tail section that floats within the solvent medium and thirdly a capping group that further enhances steric hindrance between pigment particles.



Key Features

- Based on NEW technology
- Powerful dispersing properties
- Enhanced steric hindrance
- Good colour strength
- Low flocculation
- Fast particle size reduction
- Medium active 60%

Specification

Appearance:	Amber liquid
Colour Gardner:	15 max
Solids Content %:	55 - 60

Typical Properties

Composition:	Complex Hyperdispersant
Odour:	Characteristic
Viscosity at 20°C (cP):	100
Specific Gravity at 20°C:	0.99
Pour Point °C:	12
Flash Point Closed Cup °C:	28

Applications

Dispersing agents for:

- Organic Pigments in non-polar medium
- Automotive and Industrial Coatings

Formulation Guide

Lansperse SL18-60 addition level

Yellow 13 20%	7% with 1% Lansperse SYN1
Yellow 83 20%	7% with 1% Lansperse SYN1
Red 57.1 30%	7.5%
Red 254 30%	7.5%
Blue 15.3 20%	10% with 1% Lansperse SYN50
Black 7 20%	17%

Lansperse SL18-60 addition level

Yellow 74 20%	7% with 1% Lansperse SYN1
Orange 73 30%	7.5%
Red 122 30%	7.5%
Violet 23 20%	10% with 1% Lansperse SYN50
Green 7 20%	10%
White 6 60%	8%

Packaging and Storage

Lansperse SL18-60 can be supplied in IBC's, 200kg or 25kg nett drums.

Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Lansperse SL18-60 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.