

DISPARLON thixotropes offer formulators a wide choice of unique products with performance benefits including: superior shear thinning, non-seeding, maximum anti-sag/anti-settling, excellent stability on aging and superior performance in high gloss systems. The DISPARLON powder and preactivated polyamide thixotropes are effective at maintaining suspension and reducing floating of 3M™ Glass Bubbles (K1 grade) in a variety of formulations.

Performance

DISPARLON F-9030 is a preactivated polyamide paste supplied in benzyl alcohol. It is one of the various powder and paste thixotropes offered by King Industries. The photos below show side by side drawdowns comparing samples taken by pipette from the bottom and the top of a beaker containing 3M Glass Bubbles. The tendency of the 3M Glass Bubbles is to float to the surface. The sample containing DISPARLON F-9030 shows good uniformity in 3M Glass Bubble concentration between the top and bottom of the liquid sample.

Sample and Pipette



Hydrophobic Fumed Silica



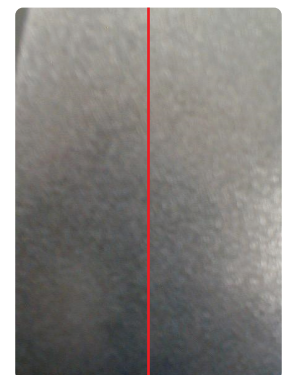
Bottom Top

Organo Clay



Bottom Top

DISPARLON F-9030



Bottom Top

Formulation contains Dow DER 331 epoxy resin with MIBK and Aromatic 100

Typical Properties of DISPARLON Powders

	6100	6200	6300
Appearance	White to light yellow powder		
% Active	100%		
Use Level	0.5 to 3.0%	0.5 to 3.0%	0.5 to 2.0%
Activation Temp	30°C- 60°C	40°C- 80°C	50°C- 80°C

Typical Properties of DISPARLON Pastes

	BB-102	F-9030
Appearance	Light yellow paste	White paste
Non-Volatile	10% Soft Paste	30% Paste
Use Level	1.0 to 6.0%	0.4 to 4.0%
Solvent	Butyl acetate, alcohol	Benzyl alcohol



For information on incorporation, please reference our DISPARLON Technical Series Flyers.

Contact

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