



DeCAL 1200

General Purpose Synthetic Thickener for Water Based Systems.

DeCAL 1200 is an anionic liquid polymer dispersion in mineral oil used as a general-purpose thickener giving short flow rheology across a wide pH range.

DeCAL 1200 is provided in a highly concentrated form so providing good viscosity at low concentrations, and also offers improved electrolyte tolerance when compared to traditional alkali swellable emulsions.

1. Typical Properties.

Appearance:	White emulsion
% Active Polymer:	60
Liquid Carrier:	Mineral oil
Freeze Thaw:	Stable
Rheology:	Thixotropic

2. Application.

DeCAL 1200 can be used as a thickener and rheology modifier for many aqueous adhesive, paint and coating compositions, and requires no pH adjustments when used within the range 4-11.

3. Incorporation.

DeCAL 1200 is active over a wide pH range (4-11) and requires no additional alkali. The product should be added directly to the coating mix with high efficiency mixing in order to avoid localised thickening. If necessary dilution with the carrier oil can aid addition.

DeCAL 1200 will generally thicken quite rapidly, but the rate of activation is dependent upon temperature, speed of mixing and medium to be thickened.

4. Safety & Handling:

DeCAL 1200 should be handled in accordance with good industrial practice. Detailed information is provided in the Safety Data Sheet.

5. Storage:

DeCAL 1200 is freeze thaw stable, however it is recommended to store the product at temperatures above 5°C to enable easy handling of the product.

We hope this information will be of value and if necessary we will be glad to offer additional technical advice. Please note that all our information is given in good faith, we can assume no responsibility for any liability incurred. Data and results should be confirmed by the Buyer by testing the product under its intended conditions of use.

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