OPTIFLO HV80

Product Data

Special Features and Benefits

OPTIFLO HV80 is a hydrophobically modified, alkali soluble emulsion polymer designed to efficiently generate high Stormer (KU) and ICI viscosity in waterborne architectural and industrial waterborne coatings.

The use of OPTIFLO HV80 provides a cost effective method for generating performance rheology in flats, satins, and semi-gloss formulations.

Recommended Use

OPTIFLO HV80 is designed to thicken dispersion (latex) paints. It may be used with acrylic, styrene acrylic, vinyl acrylic, and vinyl acetate copolymer latexes.

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Weight solids:	30 %
Volume solids:	26 %
Solvent:	Water
Appearance:	Milky liquid
Supplied Viscosity:	<200 centipoise
Density:	8.82 lbs/US gal
pH:	2.2-5.5

Incorporation and Processing Instructions

Add the emulsion slowly to the solution under good agitation, preferably as the last ingredient after neutralization. Optimum viscosity build occurs at or above pH 8.

Storage and Transportation

Storage tanks should be plastic, fiberglass, or 316 stainless steel. Freezing should be avoided; the recommended storage temperature is 5-50 °C. Dilution or pH adjustment may require additional preservative to prevent biological growth.

Recommended Levels

OPTIFLO HV80 is typically used at 2-15 wet pounds per 100 gallons of the final formula, but the amount required will depend upon the specific formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

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