



PennWhite

Emulsion PRE 9820

aqueous emulsion of methyl silicone resin

technical data sheet

silicone emulsions

Emulsion PRE 9820 is an aqueous emulsion of a methyl silicone resin. Specially developed to give maximum water repellency in surface coatings, its low viscosity and good compatibility mean that it is easily processed.

Emulsion PRE 9820 has the following attributes. Excellent water repellency. High shear and storage stability. Tack free film formation at RT. Enhanced chemical resistance by heating to 150°C. Low solvent content (Xylene:Butanol < 15%).

Emulsion PRE 9820 can be easily processed with conventional methods. Before taking it out of the container, the emulsion should be well stirred.

Emulsion PRE 9820 can be mixed with water borne resin systems and dries to a tack free coating at room temperature.

TYPICAL PROPERTIES

TEST	TEST CODE	SPECIFICATION
Appearance:	(AP 01)	White mobile emulsion.
Viscosity:	(VI 01)	2.0 – 15.0 cP (Brookfield LVF spindle 1 @ 60rpm @ 25°C).
Type:	(Ty 01)	Polydimethylsiloxane in Water.
Solvent:	(SV 01)	Xylene/Butanol 15% max.
Total Solids:	(TS 01)	15% +/- 1%.
pH Value :	DIN 19263	ca. 5.

APPLICATION

Typical applications include, weather resistant paints, varnishes and packaging inks.

STORAGE & SHELF LIFE

Emulsion PRE 9820 is extremely stable both as supplied and in the diluted form. When stored in its original containers at temperatures between 0 and 32°C it has a shelf life of 9 months.

(OPA2/F2)

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