



PennWhite

Emulsion GPS52

silicone emulsion

technical data sheet

silicone emulsions

Emulsion GPS52 silicone emulsion is a concentrated emulsion of polydimethylsiloxane. It is designed to allow the preparation of different strength products, from a single feedstock, by simply mixing with water in the appropriate ratio.

Stable emulsions down to 15% solids are easily prepared using standard paddle or propeller stirrers. The emulsion is non-ionic and is compatible with many anionic and cationic materials as well as other non-ionic systems.

TYPICAL PROPERTIES

Appearance:	Cream-white opaque liquid
Non-Volatile Content:	50-54%
pH (neat):	7-8
Density:	0.98 Kg/litre
Brookfield Viscosity (20°C):	800cps approx

APPLICATION

Emulsion GPS52 has a wide variety of uses in the textile industry, **Emulsion GPS52** can be used as a spinning lubricant in the manufacture of synthetic fibres particularly polyurethane fibres, **Emulsion GPS52** also imparts improved lustre and softness to the finished articles.

Emulsion GPS52 also has a number of alternative applications: lubricants for non-metals, release agents and gloss agents/water repellents in polishes and car care products.

PACKAGING

Emulsion GPS52 is supplied in 25kg, 200kg and 1000kg containers.

(OPA2/F2)

TDS: 070

Issue: 04

Revised: 05/03/2014

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