

Description

BRB 1218 is a 60% anionic emulsion containing ultra high molecular weight polydimethylsiloxane.

Application

BRB 1218 can be used in various industries:

- Gloss enhancer for polishes, emulsion paint additive.
- Silky sheen for furs
- Constituent of maintenance products and polishes
- Lubricating, anti-mottling and brightening agent in the printing industry

Features

- Chemical inertness
- Excellent dilution stability
- Good lubricating power
- Brightening of colours.

Benefits

- Nano Silicone, small particle size (<1 micron) giving good stability
- Low viscosity giving good wetting and less streaking
- Neutral pH which prevents corrosion to machinery
- Nonylphenol free surfactant system which is environmental friendly

Typical Data

Parameter	Unit	Value
Appearance		homogeneous, milky white
Active constituents, approx.	%	60
Solvent		none
Type of emulsifier		anionic
Internal Phase viscosity	mm ² /s	>1,000,000
Specific gravity at 25°C		1.0
Viscosity at 25°C	mm ² /s	200
pH, approx.		6 - 8
Diluent		water

SILICONE EMULSION 35%-Low viscosity :

Typical Data

Parameter	Unit	Value
Appearance		homogeneous, milky white
Active constituents, approx.	%	35
Type of emulsifier		non ionic
Specific gravity at 25 C, approx.		1.0
Viscosity of the base fluid at 25 °C, approx.	mm ² /s	350
pH, approx.		ca. 7.5
Diluent		water

How to Use

Dilution of the material prior to use should be done with water, provides an excellent means for incorporating low concentrations of silicone emulsion accurately and economically. Such dilution may provide greater ease of handling and more effective use of silicone.

SILICONE EMULSION 35%-High viscosity

Typical Data

Parameter	Unit	Value
Type		Polydimethylsiloxane
Physical form		Milky white high viscous liquid
Active contant	%	30
pH		7.0
Viscosity	cPs	4,500
Diluent		water
Emulsifier type		non-ionic