



TECHNICAL DATA SHEET

SILICONE EMULSION 600/Super

Description

600/Super is a concentrated emulsion of Polydimethylsiloxane (Silicone oil) in water.

The emulsion is non-ionic and is compatible with many anionic and cationic materials as well as other non-ionics.

The product is heat stable and chemically unreactive. It will not build up or discolour and contains an additive to give increased anti-static properties.

Specification

| | |
|----------------|--------------|
| Appearance | White liquid |
| Solids content | 50 ± 2% |

Typical Properties (not part of specification)

| | |
|------------------|--------------|
| Viscosity | ca. 1000 cps |
| Specific Gravity | ca.0.99 |
| pH (as is) | 6 - 8 |

Typical Applications

Printing

600/Super is used in heat-set, web offset printing machines. The product is especially useful for high-speed magazine printing applications since it conditions the webs which improves resistance to high temperatures, increases tolerance to shear forces and offers good anti-blocking properties and mechanical stress.

High quality papers can be conditioned with 600/Super to produce sharper edges and reduce friction on the guide rollers.

600/Super enhances the properties of the finished product. Colour intensity, gloss and feel
Issue No 1- Date 16/09/03

Information given in this publication is based upon technical data gained in our own and other Laboratories and is believed to be true. However if the material is used under conditions beyond our control we can assume no liability for results obtained or damages incurred through the application of the data present herein.

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600SUPER SILICONE EMULSION

are all improved qualities from using silicone emulsions. This product also confers some antistatic properties so that little or no additional antistatic is required.

600/Super can be diluted for more efficient use depending on the application. Typically, in printing applications, dilution to a final silicone level of 3-7% is used.

Apply the product by spraying, dipping, brushing, wiping, curtain-coating etc.

Packages

Available in 25kg kegs, 200kg drums or 1 tonne bulk containers.

Shelf life

12 Months from date of manufacture. Protect from frost at all times.