

EM 2750L Silicone emulsion for printing

Description

This product is an industrial nonionic polydimethylsiloxane emulsion.

Key Features

- Chemically inert - will not gum up heat set printing mills
- Smooth topcoat hides printing imperfections and improves slip
- Can be combined with additional antistat agents in dry environments without sacrificing emulsion stability
- Intermediate solids loading to promote higher preservative-to-active ratio for highly dilute uses.

Key Applications

- Printing applications
- Heat set printing mills
- Extrusion Applications
- Polish formulations

Application

EM 2750L has been specially formulated for roll-to-roll high speed printing. The active polymers seal the ink into the paper, provide improved shine and eliminates the appearance of printing flaws.

Use and Cure Information

To optimize the dispersion of this emulsion into the final formulation, it is recommended to add it slowly at the end of the procedure at a temperature below 40 °C (104 °F) with continuous mixing or stirring.

Health & Safety

Read product and safety data sheets before handling this product for physical and health hazard information. The safety data sheet is available from your CHT representative.

Limitations

This product is not intended for pharmaceutical use.

Property

Product

Appearance
Ionicity
Solids Content (%)
pH

Solubility

Solubility - Water

Storage

Max Storage Temperature

Packaging

Shelf Life

Test Method Value

White liquid

Non-ionic

62 %

8

Soluble

40 °C / 104 °F

This product is available for sale as 40 lb. pails and 441 lb. drums. and 2205 lb. totes

12 mths

Revision Date 22 Sep 2021

Revision No 4

Download Date 17 May 2024

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet. CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com