

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 26 Apr 2024