

EM 2750I 60% Active Emulsion of Organic Polymers and Polydimethylsiloxane

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
- High solids formulation allows for end use dilution as desired

Key Applications

- Printing applications
- Heat set printing mills
- Polish formulations
- Printing and foundry release

Application

EM 2750I is a 60% active emulsion of a complex blend of organic polymers and dimethyl polysiloxane fluids. This product is easily diluted with water, demonstrates excellent dilution stability at very low concentrations and is chemically inert. EM 2750I may be formulated with either a cationic or an anionic system since it is made with nonionic emulsifiers. It can also be formulated with an antistat upon customer request. This emulsion 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

Storage

Max Storage Temperature
Packaging
Shelf Life

Test Method

Value

White liquid
Non-ionic
60 %
7.5

40 °C / 104 °F
40 lb. pails, 441 lb. drums,
and 2205 lb. totes
12 mths

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