TECHNICAL DATA SHEET

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 millls
- Polish formulations
- Printing and foundry release

Property	Test Method	Value
Product		
Appearance		**White liquid**
Ionicity		**Non-ionic**
Solids Content (%)		**60 %**
pH		**7.5**
Storage		
Max Storage Temperature		**40 °C / 104 °F**
Packaging		**40 lb. pails, 441 lb. drums, and 2205 lb. totes**
Shelf Life		**12 mths**

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 elminates 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 ºC (104 ºF) 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.

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