TECHNICAL DATA SHEET

EM 1670E
60% active emulsion of 350cst polydimethlysiloxane

Description

This product is an industrial nonionic polydimethlysiloxane emulsion.

Key Features

- Industry leading particle size
- Excellent Freeze-thaw stability
- Great gloss and water repellency
- Easily dispersed with water with minimal agitation

Key Applications

- Tire dressing
- Leather conditioning
- Rubber treatment
- Fiberglass treatment

Application

EM 1670E is a 60% active emulsion of 350cst polydimethylsiloxane. Because of its non-ionic nature, it can be used in a variety of systems, such as nonionic, anionic, cationic surfactant or polymer systems without forming a complex.

Property	Test Method	Value
Product		
Appearance		**White Emulsion**
Base Fluid Viscosity (cst)		**350**
Ionicity		**Non-ionic**
MIT Free		**Yes**
Non-Volatile Content (%)		**60**
Ultralow cyclic content		**No**
pH		**8.5**
Addition Rates		
Dosage - 1		**1-5%**
Storage		
Max Storage Temperature		**40 °C / 104 °F**
Min Storage Temperature		**4 °C / 39 °F**
Shelf Life		**12 mths**

Packaging Information

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

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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