

TECHNICAL DATA SHEET

ICM EM 100,000 NO NP 40% active emulsion of 100,000 cSt hydroxy terminated polydimethylsiloxane

Description

This product is an industrial anionic polydimethylsiloxane emulsion

Key Features

- High molecular weight
- Long Lasting
- Performs at low concentrations
- Easily dispersed with water with minimal agitation

Key Applications

- Automotive Care
- Rubber treatment
- Extrusion
- Leather and Vinyl Care

Application

ICM EM 100,000 NO NP is a 40% active emulsion of a 100,000 cSt hydroxy terminated polydimethylsiloxane. The high molecular weight dimethicone actives are delivered in an opaque, low viscosity liquid with neutral pH. This emulsion was developed as an effective release agent at low concentrations. ICM EM 100,000 NO NP is free of nonylphenols.

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.

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Property	Test Method	Value
Product		
Appearance		Milk White
Base Fluid Viscosity (cst)		100,000
Density	BS ISO 2781	0.98 g/cm³
Ionicity		Anionic
Non-Volatile Content (%)		40
Ultralow cyclic content		No
pH		7.5
Addition Rates		
Dosage - 1		0.1-1.0%
Storage		
Max Storage Temperature		40 °C / 104 °F
Min Storage Temperature		4 °C / 39 °F
Packaging		40 lb. pails or 441 lb. drums
Shelf Life		12 mths

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.

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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