

EM 1335 (EM 35) Emulsions

Introduction

Emulsion EM 1335 is a water dilutable 35% silicone fluid micro-emulsion based on reactive amino-functional silicone fluid. It is employed as softener for the impregnation of fibres and textiles. Emulsion EM 1335, improves the sewing action, tear strength and reduces abrasion loss.

Key Features

- Low yellowing
- Very soft and smooth hand
- Good dilution stability
- Good gloss and shine properties
- Chemically inert

Applications

Emulsion EM 1335 has been formulated specially as softener agent in textile finishing but can be used in many other applications and processes such as:

- textile lubricant for yarn and thread
- shine in household and polishes formulation
- gloss in detergent and cleaner formulations

How to Use

Emulsion EM 1335 can be used either as supplied or diluted with water to the desired concentration, depending on the characteristics of the fabric to be treated.

It can be applied either by padding or by the exhaust method alone or with other finishing agents. If Emulsion EM 1335 is used together with other additives it is suggested to verify their compatibility.

Dilutions of emulsion are stable, if the diluted emulsion is separated it is recommended to gently stir the emulsion to homogenize the system.

Concentration of EM 1335 required for good softening properties depends on the process where it is employed. For the pad method from 5 to 50 g/l of emulsion, for the exhaust method from 1 to 5 % relative to the weight of goods and then to adjust the amount upwards or downwards in order to determine the most cost effective concentration.

Property*

Colour:
Appearance:
Emulsifier Type:
Density at 25°C:
pH:
Solids Content:

Test Method

5350 Part B1

Value

Translucent
Liquid
Cationic
0.99g/cm³
7.5 – 9.5
35 %

Suitable Diluents

Water

Health and Safety

Available on request

Packages

100 - 200 kg. Drums; IBC 1000 kg.

Storage and Shelf Life

Over six months. This product should be stored between 5 and 30°C in clean sealed containers. The product should not be allowed to freeze.

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* The details are merely typical properties not specifications.

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