

REDEMUL[®] FDA

PARAFFIN EMULSIONS
FOR FOOD CONTACT MATERIALS



Specialities

Description

REPSOL REDEMUL[®] FDA series are paraffin emulsions which have been properly devised for food applications and that comply with the FDA regulations for products and materials in contact with food. They are manufactured with highly refined paraffin waxes and selected additives so as to guarantee the best possible water-proofing features. They have been emulsified using a selection of surfactants capable of ensuring their maximum stability, as much during transportation as in usage.

They are characterized by an excellent barrier effect against water, high coverage capacity, high stability during usage and storage and strong resistance to hard waters.

Applications

Particularly indicated for all kinds of food wrapping-paper coating which can be in contact with skin or food, for special decorative papers, for corrugated cardboard (core and surface coating) and wood boxes to transport food, for the manufacture of bottle corks and clothes, for paper coating and, in general, for any other application or material that needs to improve its water-proofing properties and that can be in contact with food.

Technical Characteristics

	UNITIES	METHOD	REDEMUL P-64	REDEMUL P-58	REDEMUL PL-50
Colour	-	IT PAL-100	White	White	White
Brookfield Viscosity	cPs	IT PAL-101	< 600	< 600	< 600
Solids Content	%p	IT PAL-104	44-46	49-51	48-51
pH	-	IT LAB-100	8,5-9,5	8,5-9,5	8-9
Average Particle Size	µm	CAT 19.00	1	0,5	0,5
Mechanical Stability	-	IT PAL-102	Stable	Stable	Stable
Stability to hard water	-	IT PAL-103	Stable	Stable	Stable
Paraffin Melting Point	°C	ASTMD127	64-66	58-60	50-52

Except where otherwise stated, the values given in the technical specification should be regarded simply as typical values.

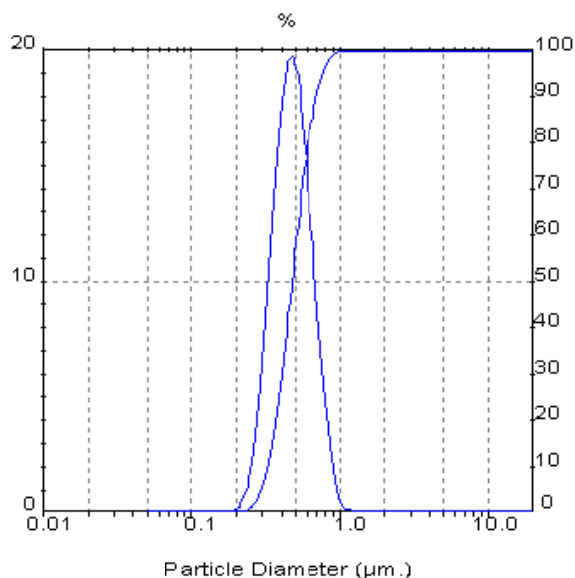
Technical Data Sheet Specialities. Version 7b. July 2015.

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Typical Distribution of particle size.

Presentation Options

In 200 L drums, 1000 L containers and 25 mt tanks. These emulsions should be stored in a sealed container with air vent, protected against sudden temperature changes from between 10 and 30°C.

Legislation

FDA 21 CFR: 172.886 (apt.b), 176.170, 176.180, 176.200, 176.210. RD 510/96. Dir. EU 2002/72 and amendments. Regulation 1935/2004 y 2023/2006. BFR XXV.

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