

REPSOL REDEMUL C-3

CATIONIC EMULSION FOR TEXTILES

Description

REPSOL REDEMUL®C-3 series are a water-based cationic paraffin emulsions that act as lubricants and are formulated to improve processability in the textile industry by reducing friction between fibres, and to improve the waterproofing of textile substrates. They are based on a mix of carefully selected paraffins treated to ensure optimum waterproofing properties, and emulsified with a selection of surfactants capable of ensuring maximum stability in both transport and handling, in acidic environments. For use with both natural and synthetic fibres. They can be diluted in water to any proportion.

Applications

REPSOL REDEMUL®C-3 emulsions are formulated for waterproofing textile substrates and for improving processability by reducing friction between textile fibres, and are ideal for application in exhaustion impregnation processes (cotton). They are characterised by their excellent barrier effect against water, good covering capacity, stability in handling and storage, and excellent stability.

Presentation

REPSOL REDEMUL® products are supplied in 200-litre drums, 1000-litre containers and 23 mt road tankers. They should be stored in a closed container with a venting system and protected from sudden temperature changes in a range between 10 and 30°C.

Technical Characteristics*

	Unity	Method	REDEMUL C300	REDEMUL C330
Solids	%p	IT PAL-104	37-41	28-31
Brookfield Viscosity 25 °C, SP 2/12 rpm	cP	IT PAL-101	<150	<75
Density at 25 °C	g/ml	ASTM D-1298	0,96	0,97
pH	-	IT LAB-100	4	4,5
Average particle size	µm	IT LAB-312	1	1
Mechanical stability	-	IT PAL-102	E(1)	E(1)
Stability with hard water	-	IT PAL-103	E(1)	E(1)
Slipperiness	-	IT PAL-128	Pass	Pass
E(1): Stable				

Unless otherwise indicated, the values presented in the technical data should be considered as typical values.