

Specialities

Description

REDEMUL[®]-CER series of REPSOL are paraffin based aqueous emulsions specially indicated for use in ceramic industry. They are manufactured with highly refined paraffin waxes and selected additives to ensure high stability, even in freight and modeling process.

They are characterized by an excellent plasticizing effect, large capability as a releasing agent, great stability in handling and storage, good hard water resistance and great crack reduction.

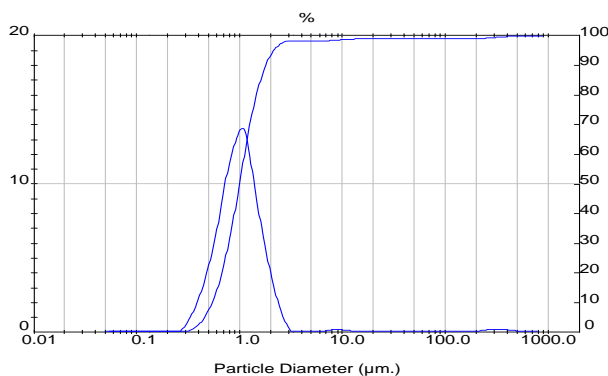
Applications

REDEMUL[®]-CER was developed to improve clay fluency and demoulding during processing in the production of ceramic pieces. They are fully compatible with the ceramic paste and do not leave residues from combustion process at temperatures above 800 °C.

REDEMUL[®] A-1 is the name of one of these emulsions. It is a very good binding material, has a great clumping ability, so it provides a high consistency to the ceramic pieces and improves its handling before cooking. It is also indicated for pieces painting and ceramic enameling.

Technical Characteristics *

	UNIT	METHOD	REDEMUL [®] A-1
Colour	-	IT PAL-100	WHITE
Brookfield Viscosity (25°C)	cPs	IT PAL-101	< 750
Solids Content	%W	IT PAL-104	59-61
pH	-	IT LAB-100	8,5-9,5
Average particle size	µm	CAT 19.00	1
Mechanical Stability	-	IT PAL-102	Stable
Hard Water Stability	-	IT PAL-103	Stable
Density at 25°C	g/mL	ASTMD1298	0,930



Typical particle size distribution

* Unless otherwise indicated, the values stated in the technical characteristics are not product specifications and should only be considered as typical.

REDEMUL[®]-CER

PARAFFIN EMULSION FOR CERAMIC USES



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Presentation and storage

REDEMUL[®]-CER series is supplied in 200 L barrels, 1000 L containers and/or 25 Mt tanks.

They must be kept in closed containers with vent to atmosphere, protected from abrupt temperature changes at between 10 and 30°C. Protect from cold temperatures.

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