

REPSOL REDEMUL-CER

PARAFFIN EMULSION FOR CERAMIC USES

Description

REPSOL REDEMUL®-CER series 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

REPSOL 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.

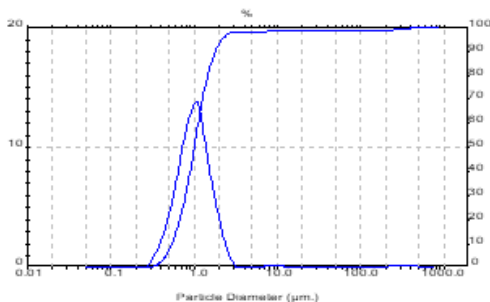
REPSOL REDEMUL® A-1 is the name of one of these emulsions. It is a very good binding material, has a great clumping ability, so it provides a high consistency to the ceramic pieces and improves its handling before cooking. It is also indicated for pieces painting and ceramic enameling.

Presentatins

REPSOL 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.

Typical particle size distribution



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	Unity	Method	REDEMUL® A-1
Colour	-	IT PAL-100	White
Brookfield Viscosity	cP	IT PAL-101	< 750
Solids	%p	IT PAL-104	59-61
pH	-	IT LAB-100	8,5-9,5
Average particle size	µm	IT LAB-312	1
Mechanical stability	-	IT PAL-102	Stable
Stability with hard water	-	IT PAL-103	Stable
Density at 25 °C	g/ml	ASTMD1298	0,930

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