



# Cerfobol R/75

## Chemical Description

Emulsion of organic polymers

## Main use

Plasticizer, binder and lubricant agent

## Typical values

**Appearance at 20°C:** Milky emulsion

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**pH:** > 11

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**Dry substance:** 29 - 32 %

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## Product properties

Ceramic bodies with high Alumina content, due to the low percentage of plastic components (bentonite, kaolin,...), need specific additives in order to achieve a sufficient mechanical strength to be worked out by means of isostatic pressing or extrusion. It is typical in these cases the use of polyethylene glycols.

CERFOBOL R/75 is an advantageous alternative in this situation, or whenever plasticity and mechanical strength are to be improved.

## Applications

CERFOBOL R/75 is a blend of products having a considerable action of plasticizer, binder and lubricant. CERFOBOL R/75 improves the efficiency of the shaping process. The lubricant property makes easier the distribution of the pressure inside the mass, improving the dimensional stability after shrinkage.

CERFOBOL R/75 helps in the demoulding stage and increases the green mechanical strength.

The lubricant action is very important for the extrusion process too, as it increases the fluidity of the paste.

CERFOBOL R/75 burns well and the residue after firing is negligible.

CERFOBOL R/75 has low viscosity so, it is easily dispersible in any slip by gentle stirring.

The dosage is between 0.2 up to 2 %.

## Storage and handling

CERFOBOL R/75 In order to maintain the performance of the product, store at room temperature and protect from frost. It is stable to prolonged storage under condition where extreme temperatures do not occur.

The shelf life is at least eight months if this condition is observed.

Direct exposition to sun beams and other heat sources has to be avoided.

## Packaging

100 kg plastic drum and 1000 kg plastic tank

## Material safety

"Detailed health and safety information can be found in our safety data sheet, available according to ECC Directive"

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