



Reotan L

Chemical Description

Aqueous solution of Polycarboxylic acid, sodium salt

Main use

Fluidising agent for ceramic bodies and engobes

Typical values

Appearance at 20 °C: Clear/slightly opalescent liquid

pH: 7 - 9

Viscosity(Brookfield RVT @ 25 °C, 20 rpm):300 - 1500 mPas

Dry content: 44 - 46 %

Product properties

REOTAN L is a fluidising agent active even at very low percentage. It is suitable for the treatment of many ceramic suspensions such as slips to be sprayed and engobes.

REOTAN L is based on sodium polyacrylate, therefore it has a strong control of the tixotrophy and yield point. Due to this, it is possible to obtain very interesting results, for instance, with the same viscosity, the sieving time can be much shorter.

The dosage in the engobes must be well studied in order to avoid sedimentations or dilatants behaviours if the addition is excessive.

REOTAN L works very well together with silicates and/or phosphates generating, in many cases, a useful synergic action ideal for the deflocculation of bodies slips.

Changes in the colour to straw-yellowish or brown-reddish do not spoil the quality and the effectiveness of the product.

Applications

REOTAN L is generally added to the raw materials directly into the mill, but due to the fact that it is liquid, it is appropriate to adjust the viscosity of the suspension after the unloading phase or, for the engobes, at the glazing line.

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Mill charge	Body 100
Water	30 ÷ 40
Reotan L	0.1 3.0

Storage and handling

REOTAN L is stable to prolonged storage under condition where extreme temperatures do not occur. The product should be stored between 5°C and 40°C and the shelf life is at least twelve months if this condition is observed.

Packaging

140 kg plastic drums.
1000 kg tanks

Material safety

It is advisable to remember that inappropriate use of chemicals and lack of basic industrial hygiene practices can be harmful to health and the environment.

Safety information is available on our safety data sheet, available on request in accordance with the EEC directive.