



Reotan LP/S

Chemical Description

Product based on sodium polyacrylate

Main Use

Fluidising agent for ceramic bodies and engobes.

Typical Values

Appearance at 20°C: Liquid

pH 1% solution: ≥ 12

Product Properties

REOTAN LP/S 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 LP/S 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 LP/S 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 LP/S 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.

Mill charge	Body 100
Water	30 ÷ 40
Reotan LP/S	0.1 ÷ 0.5

Storage and Handling

REOTAN LP/S 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 36 months if this condition is observed.

Packaging

130 kg drums and 1100 kg plastic tank

Material Safety

Consult the Safety Data Sheet

ceramics.lamberti.com

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