



Reotan Flux

Chemical Description

Polycarboxylate sodium in aqueous solution

Main Use

Fluidising agent for ceramic bodies and engobes.

Typical Values

Appearance at 20°C: Clear/slightly opalescent liquid

pH: 7 - 9.5

RVT Brookfield viscosity @ 25°C, 20 rpm: 100 - 400 cPs

Dry content: 40 - 42%

Product Properties

REOTAN FLUX 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 FLUX 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 dilatant behaviours if the addition is excessive.

REOTAN FLUX 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 Flux 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 Flux	0.1 ÷ 0.5

Storage and Handling

When stored in an original unopened packaging, not under direct sun rays, between +5 and +40 ° the product has a shelf life of 12 months from the date of manufacture

Packaging

25 kg - 100 kg drums and 1000 kg - 1200 kg plastic tank

Material Safety

Consult the Safety Data Sheet

ceramics.lamberti.com

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