



Filler Fillite 300

With this product, you obtain a lighter casting with less resin.

Description

These ceramic microspheres are used to reduce the density of resins and other molding materials. These microbeads can be used in PU, silicone, epoxy, polyester, plaster, concrete, cement, and similar materials.

Technical info

Property	Value
pH-value	7.0-9.9
Melting point(°C)	1100-1200
Hardness(Mohs)	5-6
Spec. Therm. conductivity (Wm ⁻¹ K ⁻¹)	<0.09
Bulk weight (g/L)	360-460
Density(g/cm ³)	0.7
Particle size(µm)	100-130

Chemical composition

Chemical component	% in weight
SiO ₂	58-65
Al ₂ O ₃	28-33
Fe ₂ O ₃	< 4
TiO ₂	Traces

Processing

Note: It is recommended that the filler is well, but not to intensely mixed to prevent the filler from being destroyed

The desired and possible quantity that can be added of these micro-grains varies from one material to the next and per each desired result.

With polyurethane, you can use the following mixture ratio Polyol: Iso: Fillite = 1: 1: 1 by weight. At this mixture ratio, the weight of the product is 75% of what a cast without filler would have weighed.

Special instructions

Do not mix too long or to intense, for fear of breaking the micro spheres.

packing

In bags of 250 grams.

Durability

If stored in a dry place, shelf life is indefinite.

Characteristics

- Extend the processing time
- Exothermic molded products can be cast in thicker layers