

TECHNICAL DATA SHEET

Microsilica white G95

1. Description

Microsilica white G95 is a by-product which is formed in the production of Desilicate Zirconia. It has high SiO₂ content, fine granularity, high reactivity and low pH value. By adding microsilica can change the structure of monolithic refractories, improve its rheological property and increase its service life.

2. Application

- refractory materials (poured, fused and sintered: low-cement prefabricated elements, bricks)
- ceramic products (advanced and technical ceramics in industries such as aviation, electronics, medical devices)
- ultra high performance concrete
- shotcrete
- foam concrete
- architectural concrete
- paving stones
- mortars and grouts (concrete repair mortars)
- cement (microcement)
- wall and filling materials
- insulating materials
- paints
- rubber products

3. Storage

Product should be kept in a dry and well ventilated area.
Avoid contact with moisture.

4. Typical chemical and physical characteristics

Parameters	Unit	Value
SiO ₂	%	94.0 min
ZrO ₂	%	4.0 max
CaO	%	1.0 max
Fe ₂ O ₃	%	1.0 max
TiO ₂	%	1.0 max
Al ₂ O ₃	%	1.0 max
L.O.I.	%	1.0 max
Bulk density	kg/m ³	300 - 450
Whiteness		88 - 95

5. Packaging

Microsilica white G95 can be supplied in 500 kg big bags and 25 kg bags.

* Material should be used in accordance with the manufacturer's recommendations.