

F26 Microsfere riolite cave

FEATURES

- White color
- Weight reduction up to 40%

COMPOSITION

- SiO₂ 74.3%
- Al₂O₃ 12.8%
- K₂O 4.6%
- Na₂O 3.5%
- Altri 4.8%



Made up of hollow spheroidal microparticles, obtained by thermal expansion of the rhyolite. Light but free flowing white powder, inert, non-toxic, incombustible, non-hygroscopic, insoluble in water and solvents.

APPLICATIONS

- Filler for the production of mastics, putties, coatings, casting systems, giving a reduction in specific weight, shrinkage, improvement of mechanical properties, thermal insulation, sandability.

TYPICAL PROPERTIES

This data does not constitute the Product Sales Specifications. The values indicated refer to typical properties and are not to be understood as extreme minimum or maximum values. They do not constitute a guarantee of product conformity and do not relieve the buyer from the need to test the suitability of the products before use or placing them in his production cycle. Please contact your local sales representative to obtain the product specifications.

Property	Unit	Value
Aspect	Visual	Powder
Color	Visual	White
Apparent specific weight	kg/m ³	130 - 140
Real specific weight	kg/m ³	200
Apparent specific volume	l/kg	7.2 – 7.7
Real specific volume	l/kg	5.0
pH (1% in water)		7
Moisture	%	0
Oil absorption	g/100cc	33.3
Melting point	°C	1260
Thermal conductivity	w/m ² °K	0.36
Compression σ pot	MPa	0.597
Granulometry d10	μ m	10
Granulometry d50	μ m	50
Granulometry d90	μ m	110
Max diameter	μ m	190

HANDLING PRECAUTIONS

The information for a correct and safe handling of the products is contained in the safety data sheet. Consult the safety data sheets before use for complete information on the risks to health and the environment and for the suitable protective devices to be adopted. Share the safety data sheets with all staff involved in the use of the products.

USABLE LIFE - STORAGE

Store in tightly closed original packaging in a dry place. Follow the provisions relating to industrial hygiene and waste disposal.

PACKAGING

10kg bags

LIMITATIONS

This product is neither tested nor represented as suitable for food contact, skin contact or medical uses.

LIMITED WARRANTY

The information contained in this document is offered in good faith based on Chemix research and is believed to be accurate. However, as the conditions and methods of use of our products are beyond our control, this information should not be used as a substitute for the tests that customers must first perform to ensure that Chemix products are fully satisfactory for their specific applications. The warranty is only applicable to the values indicated in the Product Sales Specifications. The sole and exclusive compensation for products with values that are out of specification is limited to the replacement of the product or the refund of the purchase price.

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