

TECHNICAL DATA SHEET

ZIRCOTECH 5

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APPEARANCE

Off-white odourless powder

PRODUCT PROFILE

A finely milled, nominally <5 microns, zirconium silicate powder manufactured to a controlled particle size.

APPLICATIONS

Zircotech 5 is traditionally used in technical glasses, refractories and in ceramic glazes. The fine particle size of this product ensures it can be taken into solution readily during heat treatment and that maximum opacity levels can be achieved, in addition to the excellent thermal properties it exhibits.

TYPICAL CHEMICAL PROPERTIES

Composition - 32.5% SiO₂ 63.5%
ZrO₂ 1.30% HfO₂
1.2% Al₂O₃ 0.07%
Fe₂O₃
0.15% TiO₂

TYPICAL PHYSICAL PROPERTIES

Specific Gravity -	4.60 g/cm ³
Bulk Density -	0.8 g/cm ³
Average Particle Diameter (Malvern d50) -	1.43 microns

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HYGIENE

Material safety data sheets are available on request.

STORAGE AND PACKAGING

This material is available in 50 Kg HDPE Bag.