

TECHNICAL DATA SHEET

ZIRCOTECH 1

Page 1 of 2

APPEARANCE Off-white odourless powder

PRODUCT PROFILE

A finely milled, nominally <1 microns, zirconium silicate powder manufactured to a controlled particle size.

APPLICATIONS

Zircotech 1 is superfine quality which provide most efficient & effective results in Ceramic applications. The fine particle size of this product ensures it can be taking 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%
ZrO₂ 1.3% HfO
2.00% Al₂O₃ 0.07%
Fe₂O₃
0.15% TiO₂

TYPICAL PHYSICAL PROPERTIES

Specific Gravity - 4.60 g/cm³

Bulk Density - 0.8 g/cm³

Average Particle Diameter (Malvern d50) - 1.5 microns

TECHNICAL DATA SHEET

ZIRCOSIL 5

Page 2 of 2

HYGIENE

Material safety data sheets are available on request.

STORAGE AND PACKAGING

This material is available in 50 Kg HDPE bag .