

TECHNICAL DATA SHEET
MICRONISED ZIRCON
GM04 ZIRPLUS

Origin: Australia
Produced by dry milling

Oxides	Range	Current
ZrO ₂	>63.5	64.2
HfO ₂	1.0-1.5	1.3
Fe ₂ O ₃	<0.10	0.07
TiO ₂	<0.30	0.22
Al ₂ O ₃	<1.5	0.6
SiO ₂	32.5-34.5	32.9
CaO	<0.10	0.03
MgO	<0.10	0.03
Na ₂ O	<0.15	0.03
K ₂ O	<0.10	0.02
P ₂ O ₅	<0.15	0.09
L.O.I / P.P.C (1000°C)	<0.5	0.2

GRAIN SIZE / GRANULOMETRÍA

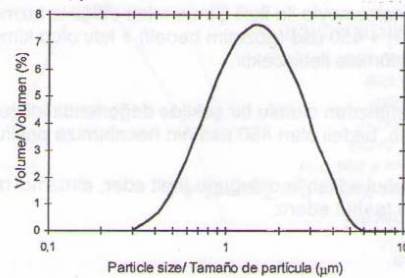
a) *Laser diffraction / Difracción láser*

< 4µm: 94-97%

D₉₀: 3.1-3.6 µm

D₅₀: 1.3- 1.6 µm

D₁₀: 0.3+/- 0.6 µm



TECHNICAL DATA SHEET
ZIRCON FLOUR
GM45

Origin: Australia

Oxides	Range
ZrO ₂ + HfO ₂	>64.0
Fe ₂ O ₃	<0.10
TiO ₂	<0.25
Al ₂ O ₃	<2
SiO ₂	32.0-34.0
CaO	<0.10
MgO	<0.10
Na ₂ O	<0.15
K ₂ O	<0.10
P ₂ O ₅	<0.15
L.O.I / P.P.C (1000°C)	<0.5

GRAIN SIZE

a) Laser diffraction

D₉₀: 35-40 µm

D₅₀: 12-16 µm

D₁₀: 1,5 -3,0 µm

45 micron mesh rebound

R< 1%