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TECHNICAL DATA SHEET

PRODUCT:ZIRCON SAND

SIZE:60-100MESH

Zircon sand is generally found in land of ancient coastlines,some of which can be found very far inland,where the heavier mineral sands formed hardened deposits.These deposits are typically mined via dry or wet(dredge)mining techniques.

PHYSICAL PROPERTIES(TYPICAL)

ZrO ₂	65.5-66.5%
Fe ₂ O ₃	0.04-0.07%
TiO ₂	0.09-0.19%
Al ₂ O ₃	0.40-0.90%
P ₂ O ₅	0.06-0.09%
SiO ₂ (Total)	32.2-33.2%
Free SiO ₂ (as quartz)	0.25-0.45%
U	200-230PPM
Th	150-170PPM

AVERAGE CHEMICAL COMPOSITION(TYPICAL)

Refractive index	1.93 to 2.01
Specific Gravity	4.6-4.71g/cm ³
Mohs Hardness	7.5-8
Melting point	2340-2550°C

PARTICLE SIZE DISTRIBUTION

MM	MESH	RETENTION %
0.600	+60	11.0
0.425	+70	26.3
0.300	+80	46.1
0.212	+100	16.0
0.150	-100	0.6

PACKAGING:30KGS PVC BAGS+1MT big bag

MAIN APPLICATIONS

Foundry Ceramic Chemical Glass Refractory abrasive washing/Cleaning/Blasting and nuclear industry etc

The shown values are typical characteristics of the material and shall not be used to prepare specifications. They are submitted to tolerances of the production and meet the present standard of technique. We reserve our right for changes within the scope of technical progress or internal improvement..