

ZIRCONIUM MICROBALLS 95%

SPECIFICATIONS OF ZIRCONIUM BALL

PROPERTY (UNIT)	PARAMETER
CONTENT (Wt%)	94.6% ZrO ₂ 5.2%Y ₂ O ₃
PACKING DENSITY (Kg/L)	3.5 (ø5mm)
DENSITY (G/CM ³)	6.00
HARDENESS (HV) (GP _a)	>12
ELASTIC MODULUS (GP _a)	200
THERMAL CONDUCTIVITY (W/M.K)	3
THERMAL EXPANSION COEFFICIENT (10x10 ⁻⁶ /°C) (20 To 400)	9.6
PRESSING INTENSITY (KN)	>25 (ø5mm)
FACTURE TENACITY (MPam 1/2)	8
GRAIN SIZE (um)	<0.5
SIZE: [0.2 - 1]mm	
[1.5 -2]mm	
3, 5, 6, 8, 10, 12, 15 mm	