



TECHNICAL DATA SHEET OF ZIRCOAT - HT

	PROPERTIES	VALUE
CHEM.	ZrSiO ₄	> 98 %
	Others	< 2 %
PHYSICAL	Colour	Creamish
	Coverage (1mm Thick)	2.5 kg/sqm
	Bulk Factor	2.11
	Bulk Density (Powder)	1.90
	Bulk Density (1600 °C)	3.1 g/cc
	Apparent Density (1600 °C)	4.5 g/cc
	Porosity (1600 °C)	32 %
	Water Absorption (1600 °C)	10 %
	Shrinkage (1600 °C)	< 0.25 %
	Cold Crushing Strength	350 kg/cm ²
	Electrical Properties	Good Insulation
THERMAL	Thermal Shock Resistance	Excellent
	Thermal Conductivity (1000 °C)	0.45 W/mK
	Temperature Resistance	> 1800 °C
	Minimum Bonding Temperature	1500 °C

Kindly note that all values mentioned are based on test pieces and may vary according to component design and manufacturing process. The values are not guaranteed by Jyoti Ceramic Ind. in anyway whatsoever and should be treated as indicative only. All values refer to a testing temperature of 20 °C, unless otherwise specified.



Contact us :

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