

REFRACTORY COATING CEMENT



ZIRCOAT HT

Physical Properties

Colour	Cream
Density	3.28gm/cc
Wt. per cft	210 lbs/95 kgs
Bulk factor	2.11
Cold crushing strength	350kg/cm ²
Thermal expansion 0-1800 ^o C	<1.0 %
Shrinkage at 1800 ^o C	< 0.25 %
Thermal shock resistance	Excellent
Electrical properties	Good insulation
Temperature resistance	>1800 ^o C

ZIRCOAT M

Physical Properties

Colour	Cream
Density	2.90gm/cc
Wt. per cft	178.5 lbs/82 kgs
Bulk factor	1.79
Cold crushing strength	297.5 kg/cm ²
Thermal expansion (25-1000 ^o C)	4.32 x 10 ⁻⁶ C
Shrinkage at 1200 ^o C	< 0.16%
Thermal shock resistance	Excellent
Electrical properties	Good insulation
Temperature resistance	1500 ^o C

Chemical Analysis

ZrO ₂	65.20%
SiO ₂	31.09%
B ₂ O ₃	0.75%
Al ₂ O ₃	1.00%
TiO ₂	0.4%
Fe ₂ O ₃	0.08%
CaO	1.08%
MgO	0.40%

Chemical Analysis

ZrO ₂	63%
SiO ₂	28.86%
B ₂ O ₃	0.63%
Al ₂ O ₃	0.85%
TiO ₂	0.34%
Fe ₂ O ₃	0.07%
CaO	0.91%
MgO	0.34%
Na	3%
Flouride	2%

PLEASE CONTACT US FOR PRICE, STOCK AVAILABILITY AND LEAD TIMES

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