



RASACAST Al-SiC/90-7

Type of Product: High Alumina SiC Dense Castable

Physical Properties:

Raw material basis	Silicon carbide & Tabular Alumina
Max service temperature (°C)	1600
Dry castable required (Kg/m ³)	2850 - 2950
Approximate amount of water required (%)	7 - 7.5
Bulk density after drying at 110°C (Kg/m ³)	2950 - 3050
Grain size (mm)	0 - 5

Thermomechanical Properties:

	Cold Crushing Strength (Kg/Cm ²)	Modulus of Rupture (Kg/Cm ²)	Linear Change (%)
After Drying at 110 ° C	≥ 700	≥ 65	negligible
After heating at 1400° C	≥ 900	≥ 75	-0.5 to 0.5

Chemical Analysis (%):

SiC	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
6.5 - 7	87 - 89	0.1 - 0.5	0.1 - 0.2	3.8 - 4.3

Packing in 30 Kg Bags.

- All data subject to reasonable deviations, and therefore, should not be used for specification purposes.
- ASTM Test Methods, where applicable, used for determination of data.

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