



RASACAST Al-SiC/48-10

Type of Product: High Alumina SiC Low Cement Dense Castable

Physical Properties:

Raw material basis	Silicon carbide and fire clay
Max service temperature (°C)	1500
Dry castable required (Kg/m ³)	2350 - 2450
Approximate amount of water required (%)	7.5 - 8
Bulk density after drying at 110°C (Kg/m ³)	2400 - 2500
Grain size (mm)	0 - 4

Thermomechanical Properties:

	Cold Crushing Strength (Kg/Cm ²)	Modulus of Rupture (Kg/Cm ²)	Linear Change (%)
After Drying at 110 ° C	≥ 700	≥ 75	negligible
After heating at 1400° C	≥ 1000	≥ 95	0.5 to -1

Chemical Analysis (%):

SiC	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
8 - 11	45 - 50	32 - 38	1.5 - 2	4 - 4.5

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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