



RASACAST Al-SiC/55-29

Physical Properties:

Raw material basis	Silicon Carbide & Tabular Alumina
Max service temperature (°C)	1550
Dry castable required (Kg/m ³)	2850
Approximate amount of water required (liters/25 Kg)	0.95 - 1.30
Bulk density after drying at 110°C (Kg/m ³)	2900
Grain size (mm)	0 - 5

Thermomechanical Properties:

	Cold Crushing Strength (Kg/Cm ²)
After Drying at 110 ° C	≥ 600
After heating at 1430° C	≥ 800

Chemical Analysis (%):

Sic	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	Na ₂ O+K ₂ O
29	55	12	0.5	2.0	0.5

Packing in 25 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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