



RASACAST Al-SiC/32-26

Type of Product: Dense Castable (**Wear Resistance**)

Physical Properties:

| | |
|---|-------------------------------|
| Raw material basis | Silicon carbide and fire clay |
| Max service temperature (°C) | 1500 |
| Dry castable required (Kg/m ³) | 2300 - 2400 |
| Approximate amount of water required (%) | 7.5 - 8 |
| Bulk density after drying at 110°C (Kg/m ³) | 2400 - 2500 |
| 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 | ≥ 600 | ≥ 60 | - 0.5 to -1 |

Chemical Analysis (%):

| SiC | Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | CaO |
|---------|--------------------------------|------------------|--------------------------------|-----------|
| 25 - 26 | 36 - 39 | 29 - 32 | 1 - 1.5 | 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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