



Typical Technical Data
WAM® 30 SiC

Classification	Silicon Carbide Containing Castable
Installation Method	Vibration Casting
Typical Water Addition for Vibration Casting (%)	5.0
Density (pcf) after 230 °F	165
after 1500 °F	162
Modulus of Rupture (psi) after 230 °F	2340
after 1500 °F	2110
HMOR at Noted Temperature (psi / °F)	580 at 2500
Cold Crushing Strength (psi) After 230 °F	21460
after 1500 °F	16570
Permanent Linear Change (%) after 230 °F	<0.01
after 1500 °F	-0.2
after 2800 °F	+0.6
Calculated Chemical Analysis (%)	
Aluminum Oxide	43.2
Silicon Dioxide	23.0
Calcium Oxide	2.2
Titanium Oxide	1.3
Iron Oxide	0.7
Magnesium Oxide	0.1
Total Alkali	0.2
Silicon Carbide	29.3

Data on this table represents typical properties, and cannot be used for specification purposes.