



Typical Technical Data  
**WAM® 10 SiC**

Classification	Silicon Carbide Containing Castable
Installation Method	Vibration Casting
Typical Water Addition for Vibration Casting (%)	5.0
Density (pcf) after 230 °F	162
after 1500 °F	160
Modulus of Rupture (psi) after 230 °F	2530
after 1500 °F	2210
HMOR at Noted Temperature (psi / °F)	670 at 2500
Cold Crushing Strength (psi) After 230 °F	22180
after 1500 °F	17800
Permanent Linear Change (%) after 230 °F	<0.01
after 1500 °F	-0.2
after 2800 °F	+0.5
Calculated Chemical Analysis (%)	
Aluminum Oxide	54.8
Silicon Dioxide	30.3
Calcium Oxide	2.2
Titanium Oxide	1.7
Iron Oxide	0.9
Magnesium Oxide	0.1
Total Alkali	0.2
Silicon Carbide	9.8

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