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Last Revision 08-15-03

Typical Technical Data  
**WAM® 80 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	2140
after 1500 °F	1850
HMOR at Noted Temperature (psi / °F)	490 at 2500
Cold Crushing Strength (psi) After 230 °F	18940
after 1500 °F	13790
Permanent Linear Change (%) after 230 °F	<0.01
after 1500 °F	-0.3
after 2800 °F	+0.2
Calculated Chemical Analysis (%)	
Aluminum Oxide	10.0
Silicon Dioxide	9.0
Calcium Oxide	2.2
Titanium Oxide	0.1
Iron Oxide	0.2
Magnesium Oxide	0.1
Total Alkali	0.1
Silicon Carbide	78.2

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

Westmoreland Advanced Materials, LLC 210 C Schreiber Industrial Park Arnold, PA 15068-4531  
 Phone: 724-339-2040 Fax: 724-339-2042