



Preliminary Technical Data  
**WAM® CG 70 LW**

Classification	Lightweight, Standard Cement Castable
Maximum Recommended Service Temperature	2400 °F
Installation Method	Standard Casting
Typical Water Addition for Vibration Casting (%)	27.0
Dry Material Needed for Vibration Casting (pcf)	68
Density (pcf)	
after 230 °F	71
after 1500 °F	68
Modulus of Rupture (psi)	
after 230 °F	710
after 1500 °F	--
Cold Crushing Strength (psi)	
After 230 °F	1490
after 1500 °F	--
Permanent Linear Change (%)	
after 230 °F	<0.1
after 1500 °F	-0.4
after 2000 °F	-0.6
Calculated Chemical Analysis (%)	
Aluminum Oxide	43.2
Silicon Dioxide	46.5
Calcium Oxide	6.2
Titanium Oxide	1.7
Iron Oxide	1.0
Total Alkali	1.1

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