



**TECHNICAL DATA - TYPICAL
REFRACTORY BRICK**

CB 60LC

Classification	A high purity, low corundum 60% alumina refractory brick	
Corundum Content	0-4%	
Refractoriness P.C.E.	Cone 36-37	
Bulk Density	147-155 lbs/ft ³	(2.35-2.48 g/cm ³)
Cold Crushing Strength	5000-8000 lbs/in ²	(34-55 MPa)
Modulus of Rupture	1100-1800 lbs/in ²	(7.5-12.4 MPa)
Apparent Porosity (%)	15-20%	
Linear Change on Reheating 2910°F (1600°C) for 5 Hours	0.0 to +1.0	
<u>Chemical Analysis (%)</u>		
Silica	SiO ₂	36.5%
Alumina	Al ₂ O ₃	59.0%
Titania	TiO ₂	2.5%
Iron	Fe ₂ O ₃	1.4%
Lime	CaO	0.1%
Magnesia	MgO	0.1%
Alkalis	Na ₂ O + K ₂ O	0.3%
ASTM Designation	C27-84 60% High Alumina	

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**ALL DATA SUBJECT TO REASONABLE DEVIATION AND THEREFORE
SHOULD NOT BE USED FOR SPECIFICATION PURPOSES**