



GRAFTech International

HotPressed™ Refractory Systems

CJR™ GRAPHITE

Description: Petroleum coke based graphite for blast furnace linings, hearth, stack, cooling course, bosh, and side wall blocks. Features excellent thermal conductivity, high density, good strength, and excellent machinability.

ESSENTIAL PROPERTIES	Typical Average	Min./Max. Individual Sample	Comparable ASTM Test Procedure
Bulk Density (gm/cc)	1.63	1.59	ASTM C559
Crushing Strength (kPa) (AG)	16000	10000	ASTM C695
Ash (percent)	0.20	0.60	ASTM C561
INFORMATIONAL PROPERTIES			
Porosity (percent)	24		ASTM C20
Flexural Strength (kPa)	7000		ASTM C651
Iron (percent)	0.10		ASTM C560
Thermal Conductivity (W/m ² K) (WG) @ 20°C	150	120	ASTM C714



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TECHNICAL INFORMATION
RPD-08 JANUARY, 2008

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