



GRAFTech

International

HotPressed™ Refractory Systems

UCB™ BLOCK

Description: Large anthracite based carbon blocks for blast furnace hearth bottoms, and submerged arc furnace hearth bottoms and sidewall blocks. Features good thermal conductivity, low thermal expansion and good volume stability.

GUARANTEED PROPERTIES	Typical Average	Min./Max. Individual Sample	Comparable ASTM Test Procedure
Bulk Density (g/cc)	1.57	1.52	ASTM C559
Compressive Strength (MPa)	25	18	ASTM C133
Ash (percent)	6.5	9	ASTM C561
INFORMATIONAL PROPERTIES			
Modulus of Rupture (MPa) (WG)	5.5		ASTM C20
Porosity (percent)	20		ASTM C651
Thermal Conductivity (W/m°K, 300°C)	10		ASTM C560
Reheat (at 1000°C)	±0.1%		ASTM C577



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TECHNICAL INFORMATION
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