



GRAFTech

International

HotPressed™ Refractory Systems

C46™ CEMENT

Description: This product is a single-component carbonaceous heat setting cement developed specifically as a mortar for use between carbon or graphite structural shapes. C46™ is used extensively in blast furnaces, cupolas, ferroalloy furnaces, phosphorus furnaces, runout troughs and other metallurgical applications. It thermally cures to form a strong carbonaceous bond between the cemented shapes.

Detailed instructions and precautions for using C46™ Cement are available from GrafTech's representatives or by contacting the address below.

ESSENTIAL PROPERTIES	Typical Average	Comparable ASTM Test Procedure
Bulk Density (gm/cc) (Solid)	1.40	ASTM C559
INFORMATIONAL PROPERTIES	Typical Average	Comparable ASTM Test Procedure
850°C Joint Strength (kPa) (Measured on Graphite at 20°C)	9800	
Thermal Conductivity (W/m ² K) (at 20°C)	2.5	ASTM C714



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TECHNICAL INFORMATION
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