



# GRAFTech

*International*

## HotPressed™ Refractory Systems

### C34™ CEMENT

**Description:** This product is a two part carbonaceous heat setting cement and was developed specifically as a mortar for use between carbon or graphite structural shapes. C34™ Cement 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 C34™ 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)	1.60	ASTM C559
INFORMATIONAL PROPERTIES	Typical Average	Comparable ASTM Test Procedure
850°C Joint Strength (kPa) (Measured on Graphite at 20°C)	10300	
Thermal Conductivity (W/m <sup>2</sup> K) (at 20°C)	5	ASTM C714



**GRAFTech**  
*International*

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**TECHNICAL INFORMATION**  
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