

TECHNICAL INFORMATION

Since 1886, UCAR Carbon Company has been supplying quality carbon and graphite products, skilled technical service, and experienced application assistance worldwide.

UCAR[®] Grade RP-10 EZ-RAM

RPD-95

September, 1995

Description: UCAR RP-10 EZ-RAM[™] is a highly thermal conductive graphitic ram, primarily used in sub-hearth, cooling pipe, and annulus between steel work and refractories. Ram must be at room temperature (20°C/70°F) before use.

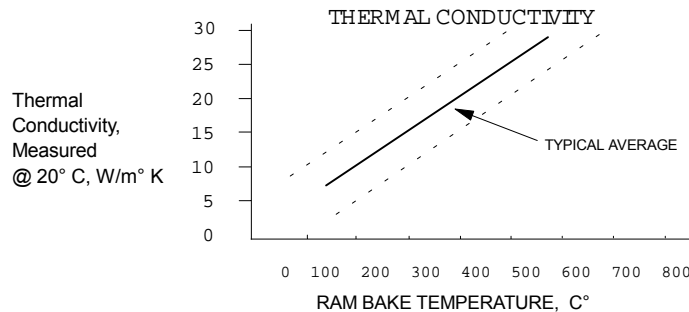
RP-10 is available in bulk (loose) form or as pre-rammed briquettes. The pre-rammed briquettes are easily cut to shape and can be molded to fit when installed at room temperature. The bulk (loose) form is used in the same manner as other ramming materials. One advantage of the loose form is that it can be molded on site to form unique shapes as the application requires.

ESSENTIAL PROPERTIES

	Typical Average	Max./Min. Individual Sample	Comparable ASTM Test Procedure
Bulk Density (Loose) (gm/cc)	0.80	0.60	ASTM C559

INFORMATIONAL PROPERTIES

Bulk Density (Rammed) (gm/cc) (Depends on Ramming Technique)	1.70		ASTM C559
Thermal Conductivity (W/m [°] K)			ASTM C714



NOTE: Thermal conductivity graph based on sample rammed to 1.7 g/cc density. For lower rammed density the thermal conductivity would be proportionately lower.

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