

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 NMH Hot-Pressed Carbon Brick

RPD-00

June 2000

Description: Hot-Pressed[™] carbon brick for chemical process structural and refractory applications.

ESSENTIAL PROPERTIES

	Typical <u>Average</u>	Comparable ASTM <u>Test Procedure</u>
Bulk Density (gm/cc)	1.60	ASTM C559
Crushing Strength (kPa) (AG)	24000	ASTM C133
Ash (percent)	7	ASTM C561
Permeability (m ³ darcy's) (WG)	6.5	ASTM C577

INFORMATIONAL PROPERTIES

Porosity (percent)	18	ASTM C20
Reheat (at 1000°C) (Essentially Volume Stable)	±0.1%	ASTM C113

NOTE: Actual product chemical resistance and performance may vary significantly depending on each customer's specific chemical mixture, abrasive environment, and application conditions. Therefore, the customer should verify the suitability of this product in their specific application.

GRAFTech

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