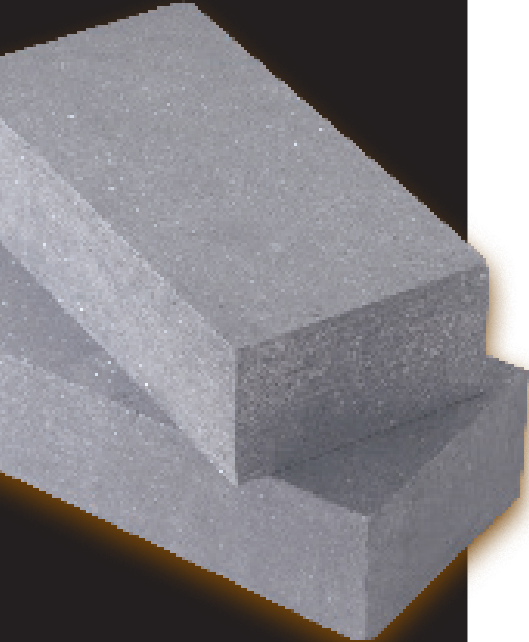


UCAR[®] Refractory Systems

NMH[™] HotPressed[™] Carbon Brick

NMH are U.S. manufactured carbon bricks characterized by their very low permeability and high strength. Excellent stability to temperature changes, with high thermal conductivity, very low thermal expansion and excellent chemical inertness.

Features: Developed by Union Carbide in 1958, we are using a unique production process at the plant in Lawrenceburg, TN. The unique product properties are obtained by simultaneous pressing and baking the bricks. This results in a superior combination of physical and chemical properties, including excellent abrasion & chemical resistance. Proven successful service in phosphoric, sulfuric and hydrochloric acids as well as in caustic applications involving sodium or potassium hydroxides and other strong bases. Bricks can easily be cut to fit each installation.



KEY PROPERTIES	Typical Average
Permeability (millidarcys) (WG)	30
Bulk Density (g/cm ³)	1.56
Crushing Strength (MPa) (AG)	30
Ash (%)	7
Porosity (%)	18

Properties listed are typical and cannot be used as accept/reject specifications.

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