

UCAR[®] Refractory Systems

GradeD[™] Carbon Blocks & Shapes

Large extruded carbon blocks proven for use as blast furnace hearth bottoms, tuyere blocks, skimmer blocks and submerged arc furnace bottoms and sidewall blocks.

Features:

- good thermal conductivity
- low thermal expansion
- abrasion resistance
- good volume stability

KEY PROPERTIES	Typical Average
Porosity (%)	20
Bulk Density (g/cm ³)	1.55
Crushing Strength (kPa) (AG)	18500
Ash (%)	7
Thermal Conductivity (W/mK) (WG)	10
Oxidation (g/h m ²)	2900
HIHAC [™] Oxidation Test (gm/hr.m ²)	1950

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

GrafTech International Holdings Inc.

791 Santa Fe Pike

Columbia, Tennessee, USA 38401

Phone: 1.800.934.8227 (U.S. and Canada Only)

1.931.380.4348

Fax: 1.931.380.4308

email: refractory.systems@graftech.com

Website: www.graftech.com