NAME of MATERIAL: CARORAM 85 G

A high alumina, graphitic plastic. CARORAM 85 G has been designed to resist molten metal and slag attack in the most severe conditions. Typical applications in blast furnaces and high production cupolas are troughs, runners and skimmers and the breast, tap hole and runners.

Service Temperature……3200° F
Melting Point……..……..……...3275° F

Test Temperature	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
220° F	350 - 500	1200 - 1600	-0.1
2000° F	550 - 850	2250 - 2700	-0.2
2500° F	600 - 950	2450 - 2900	+0.1
3000° F	450 - 750	2100 - 2550	+0.2

Chemical Analysis

Alumina	(Al_2O_3)	84.7%
Silica	(SiO_2)	12.0%
Iron Oxide	(Fe_2O_3)	1.2%
Titania	(TiO_2)	1.9%
Magnesia	(MgO)	0.1%
Lime	(CaO)	0.1%

Note: Above product has a carbon addition of 12%

Material required per cubic foot – 168 pounds

Packaged in 50 pound cartons, 72 cartons per pallet (3600 pounds).