



CAROCAST G

2020

CAROCAST G is a graphite based, super duty castable, developed for applications where free flow of metal and ease of skull removal are prime considerations. Blast furnace and cupola runners are just two application suggestions. Slight air-setting properties provide stability of cast material until heat is applied. CAROCAST G may be used dry as a back-up lining.

Maximum recommended service temperature.....3000°F

<u>Test Temperature</u>	<u>Modulus of Rupture,</u> <u>p.s.i.</u>	<u>Cold Crushing,</u> <u>p.s.i.</u>	<u>Linear Change %</u>
220°F	175 – 300	450 – 600	-0.3
2000°F	100 – 200	400 – 575	-0.4
2900°F	300 – 500	950 – 1200	-0.3

Chemical Analysis (%)

Alumina (Al ₂ O ₃)	34.2
Silica (SiO ₂)	47.3
Iron (Fe ₂ O ₃)	1.8
Titania (TiO ₂)	1.7
Lime (CaO).....	0.1
Magnesia (MgO).....	0.2
Carbon (C).....	1.3

Water required for mixing 5 to 6 qtrs. Per 100# bag.

Material required for estimating – 128 lbs./ft³

Packaged in 100-pound bags, thirty-five bags per pallet (3500 pounds)