



CAROCAST 15

2020

CAROCAST 15 is a fireclay castable with excellent strength and good abrasion resistance in the temperature range of 1000°F to 1300°F. CAROCAST 15 can be cast or gunned and may also be waterproofed.

Maximum recommended service temperature.....1500°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	850 – 1100	3500 – 4500	0.0
1000°F	600 – 800	2500 – 3800	-0.2
2000°F	200 – 300	1000 – 1300	-0.5

Chemical Analysis (%)

Alumina (Al ₂ O ₃)	31.4
Silica (SiO ₂)	47.4
Iron (Fe ₂ O ₃)	1.6
Titania (TiO ₂)	2.0
Lime (CaO).....	14.7
Magnesia (MgO).....	1.3
Alkalies.....	1.3

Water required for mixing – 4 to 5 quarts Per 75# bag. (11 to 13%)

Material required for estimating – 115 lbs./ft³

Packaged in 75-pound bags, forty-eight bags per pallet (3600 pounds)