



CAROCAST 28

2020

CAROCAST 28 is a high strength, 2800°F castable. It has good abrasion as well as good acid resistance.

Maximum recommended service temperature.....2800°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>
230°F	850 – 950	4000 – 4500	0.0
1000°F	550 – 650	3000 – 3500	-0.15
1500°F	550 – 650	2500 – 3000	-0.2
2000°F	500 – 600	2000 – 2500	-0.2
2500°F	850 – 950	8000 – 8500	0.0

Chemical Analysis (%)

Alumina (Al ₂ O ₃)	47.0
Silica (SiO ₂)	38.0
Iron (Fe ₂ O ₃)	2.8
Titania (TiO ₂)	2.3
Lime (CaO).....	8.5
Magnesia (MgO).....	0.6
Alkalies.....	Trace

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

Material required for estimating – 120 to 125 lbs./ft³

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