



CAROCAST 22

2020

CAROCAST 22 is a fireclay castable with excellent strength and abrasion resistant in the temperature range of 1000°F to 1300°F.

Maximum recommended service temperature.....2200°F

Melting Point.....2600°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	-0.1
1000°F	600 – 800	2500 – 3800	-0.2
1500°F	200 – 300	1000 – 1300	-0.5
1700°F	190 – 275	700 – 1000	-0.7
2000°F	300 – 400	800 – 1000	-0.8
2200°F	400 – 600	1100 – 1700	-1.4

Chemical Analysis (%)

Alumina (Al ₂ O ₃)	30.8
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
Ign. Loss.....	0.3

Water required for mixing 4 to 5 qtrs. Per 75# bag. 11 – 13% by weight

Material required for estimating – 118 to 123 lbs./ft³

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