



CAROCAST 32 FA

2020

CAROCAST 32 FA is a 90% alumina fused castable. Exhibits excellent strength, volume stability and erosion resistance. CAROCAST 32 FA is ideal for snorkels in vacuum degassers, charging hearths in aluminum furnaces and cyclones and catalyst transfer lines in oil refineries.

Maximum recommended service temperature.....3400°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	1800 – 2200	7500 – 7800	-0.1
500°F	2000 – 2200	7800 – 8100	-0.1
1000°F	2100 – 2400	8300 – 8600	-0.2
1500°F	1700 – 2100	7100 – 7500	-0.3
2000°F	1400 – 1800	5200 – 5600	-0.2
2500°F	1600 – 1800	6000 – 6500	-0.3
2900°F	2000 – 2200	7800 – 8200	-0.3

Chemical Analysis (%)

Alumina (Al ₂ O ₃)	94.4
Silica (SiO ₂)	0.2
Iron (Fe ₂ O ₃)	0.5
Titania (TiO ₂)	2.2
Lime (CaO).....	3.7
Magnesia (MgO).....	0.3

Material required for estimating – 170 lbs./ft³

Packaged in 80-pound bags, forty-eight bags per pallet (3840 pounds)

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