



CAROTAB

2020

CAROTAB is a high purity, high alumina castable. Exhibits excellent strength, volume stability and erosion resistance. CAROTAB is ideal for snorkels and vacuum degassers, charging hearths in aluminum furnaces and cyclones and catalyst transfer lines in the oil refinery.

Service Temperature limit.....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	-0.1 - -0.2
1500°F	1700 – 2100	7100 – 7500	-0.2 - -0.3
2000°F	1400 – 1800	5200 – 5600	-0.1 - -0.2
2500°F	1600 – 1800	6000 – 6500	-0.2 - -0.3
2900°F	2000 – 2200	7800 – 8200	-0.2 - -0.3

Chemical Analysis (%)

Alumina (Al ₂ O ₃)	94.4
Silica (SiO ₂)	Trace
Iron (Fe ₂ O ₃)	0.1
Titania (TiO ₂)	Trace
Lime (CaO).....	5.3
Magnesia (MgO).....	0.1

Material required for estimating..... 160 lbs./ft³

Water required for mixing 3 ½ to 4 qtrs. Per 80# bag.

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