



CARORAM 55 PB

2020

CARORAM 55 PB is a high alumina, chemically bonded plastic refractory. Good resistance to slagging, spalling and abrasion. High strength and volume stability are additional features. Typical application include copings in soaking pits and lower side walls in reheat furnaces.

Maximum recommended service temperature..... 3050°F

Melting Point..... 3200°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	200 – 300	800 – 1100	-0.3
1500°F	500 – 700	1600 – 2000	-0.6
2000°F	650 – 750	2100 – 2500	-0.4
2500°F	850 – 1000	2450 – 2700	+0.1
3000°F	1250 – 1450	3400 – 3800	+0.8

Chemical Analysis (%)

Alumina (Al ₂ O ₃)	55.2
Silica (SiO ₂)	37.4
Iron (Fe ₂ O ₃)	1.4
Titania (TiO ₂)	1.3
Lime (CaO).....	0.9
Magnesia (MgO).....	0.3
Phosphorus Pentoxide (P ₂ O ₅).....	3.5

Material required for estimating – 155 lbs./ft³

Packaged in 100-pound cartons, thirty-six cartons per pallet (3600 pounds)