

MILBRO REFRACTORIES, INC.

MILCAST LA 26

A course grained high strength castable with excellent resistance to thermal shock. Typical applications are kiln car tops, cooler curbs in rotary kilns, coke oven door linings and forge furnace piers.

Service Temperature	2650° F
Material Required for Estimating	128 lbs./ft³
Mixing Water Required	4.5-5.5 qt./100lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	44.6
SiO ₂	39.3
Fe ₂ O ₃	2.4
TiO ₂	2.9
MgO	0.1
CaO	9.6

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	800-1050	2400-2900	0.0
1000°F	550-700	1600-2000	0.1 S
1700°F	400-600	1100-1500	0.2 S
2500°F	750-900	2000-2500	0.4 E

All data shown is based on average results of standard ASTM procedures, unless otherwise indicated. Results are subject to reasonable deviation and should not be used for specification purposes.