

MILBRO REFRACTORIES, INC.

CAR TOP HS

A high strength, hydraulic setting, refractory castable with excellent resistance to erosion and abrasion at moderate temperatures. Product is ideal for use in kiln car tops and piers in annealing furnaces. Contains inorganic fibers for faster dry out.

Service Temperature	2500° F
Material Required for Estimating	118 lbs./ft³
Mixing Water Required	5.0-7.0 qt./100lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	36.7
SiO ₂	43.8
Fe ₂ O ₃	2.2
TiO ₂	2.3
MgO	0.2
CaO	14.8

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, PSI	Cold Crushing Strength, psi	Linear change %
220°F	1100-1500	4500-6000	0.0
1000°F	450-600	1800-2200	0.2 S
1500°F	400-600	1500-2100	0.2 S
2000°F	475-650	1700-2500	0.1 S

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.