

MILBRO REFRACTORIES, INC.

MILRAM Z HS

A heat setting, high temperature, zircon ramming mix. High strength and high densities throughout the temperature range. Can be rammed or tamped into place. Ideal for patching or bottom paving in glass tanks.

Service Temperature	3350° F
Melting Point	3425° F
Material Required for Estimating	192 lbs./ft³

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	2.3
SiO ₂	29.8
Fe ₂ O ₃	0.1
TiO ₂	0.2
MgO	0.1
CaO	Trace
Zr ₂ O ₂	65.1

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	100-200	300-600	0.1 S
2500°F	2700-3200	8100-8500	0.6 S
3000°F	3150-3600	8300-8800	0.3 S

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