

MILBRO REFRACTORIES, INC.

MILRAM Z AS

An air setting, high temperature, zircon ramming mix. Typical applications include leveling in glass tank bottoms. Excellent resistance to metal penetration.

Service Temperature	3300° F
Melting Point	3400° F
Material Required for Estimating	187 lbs./ft³

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	2.5
SiO ₂	37.3
Fe ₂ O ₃	0.2
TiO ₂	0.2
MgO	0.1
CaO	0.1
Zr ₂ O ₂	59.6

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	1500-1900	4500-5000	0.2 S
2500°F	2900-3400	7450-7850	0.8 S
3000°F	3700-4200	9100-9800	0.4 S