



## THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

### THERMOSEAL® M33 MOLDABLE

THERMOSEAL® M33 Moldable is comprised of bulk refractory fibers that form a non-sticky putty excellent for use as a high temperature binder and filler system. This moldable is particularly good for use as sealing, coating and patching material for furnaces and troughs. Resistant to the attack of molten metal alloys, these moldables are also unaffected by thermal shock and have very low heat transfer and thermal conductivity. In addition, THERMOSEAL® M33 Moldable has excellent insulation properties, high strength, and very low shrinkage.



#### AVERAGE PHYSICAL PROPERTIES

Color	Light Brown
Use Limit	1830°F • 1000°C
Linear Shrinkage %, 24 hours	<2.5 @ 1830°F • 1000°C
Aluminum Cup Test 7075 Alloy	No Penetration
Wet Density, lbs/ft <sup>3</sup>	80
Dry Density, lbs/ft <sup>3</sup>	33
Solid Content, %, wet	42
Silica, % fired	65 - 75
Alumina, % fired	25 - 35
Loss on ignition, %	58

Tolerance is +/- 10% unless otherwise stated.

**APPLICATION** Use THERMOSEAL® Moldable as packaged. This can be applied and smoothed with a spatula and trowels. Gloves should be worn when hand applying. Air-dry or force dry below 300°F • 150°C for approximately six to eight hours per inch of thickness.

**PACKAGING** THERMOSEAL® Moldables are available in 11 oz. caulking tubes, one and five gallon buckets, and 55 gallon drums. Do NOT allow THERMOSEAL® Moldables to freeze.

The technical data presented herein are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.