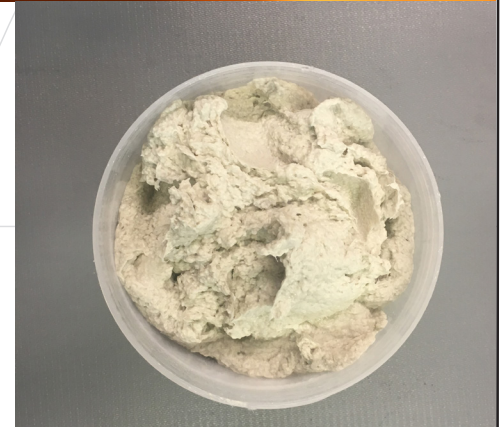




# ENVIRONMENTAL PROTECTION PRODUCTS AND THERMAL BARRIERS For A Green World

## 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

Description	Moldable
Consistency	Sticky Putty
Color, wet	Off-White
Use Limit	2300°F • 1260°C
Linear Shrinkage, %	< 2.5 @ 1830°F • 1000°C
Wet Density, lbs/ft <sup>3</sup>	75
Dry Density, lbs/ft <sup>3</sup>	32 @ 250°F • 120°C
Fired Density, lbs/ft <sup>3</sup>	33 @ 1830°F • 1000°C
Solid Content, %, wet	42
Silica, % fired	62
Alumina, % fired	38

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.

**USES** - Trough linings for molten metal transfer, high temperature sealing and coating, light weight refractory shape manufacture, trough coating and patching, and furnace patching.

**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.

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