

## Mid-Mountain Materials THERMOSEAL® FIBERPAK® M77 Moldable

Category : Ceramic , Other Engineering Material , Ceramic/Metallic Coating

### Material Notes:

**Description:** A family of high temperature moldables designed for a wide variety of uses. THERMOSEAL® FIBERPAK® MOLDABLES may be formed into shapes or linings, pushed into cracks and holes, or spread into thin sections as coating and separating mediums.

**APPLICATION:** THERMOSEAL® FIBERPAK® MOLDABLES are applied with the fingers, towels, spatulas, or from caulking guns. Gloves should be worn when hand applying. THERMOSEAL® FIBERPAK® MOLDABLES are easily formed to any contour or readily pressed into cracks and smoothed out. Water wet the tool to facilitate smoothing and contouring. Drying consists of removing the liquid portion of the mix usually by use of an external heat source at 220-300°F @ 95-150°C for approximately six 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 Furnace Patching **PACKAGING:** 11 oz. Caulking tubes 32 oz. Caulking tubes One Gallon Bucket 5 Gallon Buckets 55 Gallon Drums Information provided by Mid-Mountain Materials.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Mid-Mountain-Materials-THERMOSEAL-FIBERPAK-M77-Moldable.php](http://www.lookpolymers.com/polymer_Mid-Mountain-Materials-THERMOSEAL-FIBERPAK-M77-Moldable.php)

Physical Properties	Metric	English	Comments
Density	0.929 g/cc	0.0336 lb/in <sup>3</sup>	Fired Density at 2300°F
	1.71 g/cc	0.0619 lb/in <sup>3</sup>	Wet Density
	0.993 g/cc @Temperature 121 °C	0.0359 lb/in <sup>3</sup> @Temperature 250 °F	Dry Density
Solids Content	57 %	57 %	Wet

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1260 °C	2300 °F	Use Limit
Shrinkage	-5.00 %	-5.00 %	
	@Temperature 1260 °C	@Temperature 2300 °F	

Descriptive Properties	Value	Comments
Alumina	51%	fired
Appearance	Sticky Putty	
Color	White	
Description	Moldable	
Silica	48%	fired

## **Contact Songhan Plastic Technology Co.,Ltd.**

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