



INSULATION SPECIALTIES OF AMERICA INC.

ISAMOLDABLE RCF 2300

ISAMOLDABLE consists of ceramic fibers dispersed in a slightly sticky refractory binder system. The putty-like consistency allows the material to be easily applied to most surfaces by caulking, hand forming, or troweling. The ISAMOLDABLE is capable of drying at a range of temperatures from ambient up to extreme temperature conditions. Once dried into place the moldable possesses excellent resistance to molten metal contact while maintaining its high tensile strength.

PHYSICAL PROPERTIES

Color Before Firing	White
Color After Firing	White
Temperature Maximum	2300°F (1260°C)
Recommended Operating Temp.	2000°F (1093°C)
Percent Solids	50-60%
Wet Density (lbs/ft ³)	80-90
Dry Density (lbs/ft ³)	45-55
LOI	4-5%
Typical Shrinkage (%) 24HRS @ 2000°F	<5%
MOR, PSI Dry (typical)	400
Molten Aluminum Wetting Resistance	Good

APPLICATIONS

1. Patching Refractory Joints & Cracks
2. Hardware Protection of Ceramic Fiber Furnace Linings
3. Patching for Burner Blocks & Vacuum Formed Ceramic Fiber Parts

Data is based on average properties and is presented for general reference only. This information should not be used for specification purposes – no warranty is expressed or implied.