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LDS MOLDABLE®

LDS MOLDABLE

The LDS Moldable® consists of ceramic fibers dispersed in a sticky water-based refractory binder. This material has putty-like consistency which permits application by caulking, troweling or hand forming. It possesses the advantages of ceramic fiber insulating materials : high temperature resistance, excellent insulating properties, excellent thermal shock resistance, chemical stability and ease of installation.



APPLICATIONS

It adheres well to most surfaces. Drying is accomplished at a non-critical, elevated temperature and the resulting dried material is strong, hard and erosion resistant. It possesses excellent resistance to wetting by many nonferrous molten metals and is used extensively in molten aluminum contact applications.

SPECIFICATIONS

Technical Data

Physical Properties	
Appearance	Sticky putty
Continuous temperature	1093°C (2 000°F)
Maximum temperature	1260°C (2 300°F)
Solids	55%
Wet Density (lb/ft³)	85
Dry Density (lb/ft³)	50
LOI (%)	5
Shrinkage (%) (24 hrs)	4 to 2000°F
Molten Aluminium - Wetting Resistance	Good

N.B. The information, details and values indicated are to the best of our knowledge. We recommend to conduct tests according to local conditions. The data is subject to some variations without notice.

