

SEALANTS

LDS MOLDABLE®



Description

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

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

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.