

Pyrotek Pyromoldable JDR1150A Moldable Paste Type Low Density Refractory

Category : Ceramic , Oxide , Silicon Oxide

Material Notes:

Applications: Launder linings, Lining of distribution launders for DC casting table, Industrial furnace linings, Back up material behind hot face lining.

Advantages: Low density with high insulating properties, Non-wetting to molten aluminum, Easy to handle, Saves drying time.

Immediate heating for drying is possible just after molding. Information provided by Pyrotek.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pyrotek-Pyromoldable-JDR1150A-Moldable-Paste-Type-Low-Density-Refractory.php

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	1.96 - 2.94 MPa	284 - 426 psi	Transverse

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.116 W/m-K @Temperature 500 °C	0.805 BTU-in/hr-ft ² -°F @Temperature 932 °F	
Maximum Service Temperature, Air	1300 °C	2370 °F	
Shrinkage	0.600 - 0.800 % @Temperature 800 °C, Time 3600 sec	0.600 - 0.800 % @Temperature 1470 °F, Time 1.00 hour	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	24 %	24 %	
SiO ₂	73 %	73 %	

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