

Pyrotek Pyloric 100 High-Temperature Product for Cooking Ovens

Category : Ceramic

Material Notes:

Pyrorock 100 is a refractory material used as a thermal transfer media in deck-type cooking ovens. Using our patented Isomag® process, mineral materials are combined with an inorganic binder. This unique formulation gives Pyrorock 100 durability, outstanding thermal transfer properties, excellent strength and thermal shock resistance. All this adds up to higher cooking productivity. Pyrorock is totally free of asbestos and free-silica and is easily cut to finished dimensions. Advantages Durable Asbestos-free Promotes even temperature distribution on cooking deck Increases cooking consistency Improves wear characteristics Excellent thermal shock resistance Hard, tough chip resistant surface Information provided by Pyrotek.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pyrotek-Pyloric-100-High-Temperature-Product-for-Cooking-Ovens.php

Physical Properties	Metric	English	Comments
Density	1.57 g/cc	0.0567 lb/in ³	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.0265 GPa	3.84 ksi	
Flexural Strength	12.4 MPa	1800 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	9.30 µm/m-°C	5.17 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	0.400 W/m-K	2.78 BTU-in/hr-ft ² -°F	

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