

## Pyrotek Pyroboard™ S1300 Roller

Category : Ceramic

**Material Notes:**

Pyroboard™ S1300 was developed specifically for use in hotter zones of an annealing furnace. Information provided by Pyrotek.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pyrotek-Pyroboard-S1300-Roller.php](http://www.lookpolymers.com/polymer_Pyrotek-Pyroboard-S1300-Roller.php)

Physical Properties	Metric	English	Comments
Density	0.833 g/cc	0.0301 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	1.86 MPa	270 psi	
Flexural Strength	3.45 MPa	500 psi	
Compressive Strength	3.10 MPa	450 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0677 W/m-K	0.470 BTU-in/hr-ft <sup>2</sup> -°F	
Maximum Service Temperature, Air	1260 °C	2300 °F	
Shrinkage	3.50 %	3.50 %	Thickness
	@Temperature 982 °C	@Temperature 1800 °F	
Surface	4.80 %	4.80 %	Surface
	@Temperature 982 °C	@Temperature 1800 °F	
Surface	10.2 %	10.2 %	Surface
	@Temperature 1204 °C	@Temperature 2199 °F	
Thickness	10.6 %	10.6 %	Thickness
	@Temperature 1204 °C	@Temperature 2199 °F	

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