

## Anderman Ceramics EREH97Y Hafnium Oxide, Yttrium Oxide-Stabilized

Category : Ceramic , Oxide

**Material Notes:**

Rare earth refractory oxide ceramics exhibit very high thermal stability, wear resistance, and strength. They are widely used in applications above 3090 °F (1700 °C), nuclear, high performance metal melting, oxygen sensors, and semiconductor applications. Products are offered in a wide variety of shapes and sizes.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Anderman-Ceramics-EREH97Y-Hafnium-Oxide-Yttrium-Oxide-Stabilized.php](http://www.lookpolymers.com/polymer_Anderman-Ceramics-EREH97Y-Hafnium-Oxide-Yttrium-Oxide-Stabilized.php)

Physical Properties	Metric	English	Comments
Density	9.50 g/cc	0.343 lb/in <sup>3</sup>	
Open Porosity	<= 1 %	<= 1 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1700 °C	3090 °F	

Component Elements Properties	Metric	English	Comments
HfO <sub>2</sub>	97.5 %	97.5 %	
Y <sub>2</sub> O <sub>3</sub>	2.5 %	2.5 %	Includes CaO

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