

## Anderman Ceramics EA99P Sintered Alumina, 99%, Porous

Category : Ceramic , Oxide , Aluminum Oxide

### Material Notes:

Densely sintered alumina is characterized by: high strength and hardness, temperature stability, electrical insulation, and high wear resistance and corrosion resistance even at high temperatures. Available in many shapes and sizes.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Anderman-Ceramics-EA99P-Sintered-Alumina-99-Porous.php](http://www.lookpolymers.com/polymer_Anderman-Ceramics-EA99P-Sintered-Alumina-99-Porous.php)

Physical Properties	Metric	English	Comments
Density	3.50 g/cc	0.126 lb/in <sup>3</sup>	
Open Porosity	1.0 - 7.0 %	1.0 - 7.0 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	69.98 MPa	10150 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	8.60 $\mu\text{m/m-}^{\circ}\text{C}$	4.78 $\mu\text{in/in-}^{\circ}\text{F}$	
Thermal Conductivity	20.0 W/m-K @Temperature 20.0 - 100 $^{\circ}\text{C}$	139 BTU-in/hr-ft <sup>2</sup> - $^{\circ}\text{F}$ @Temperature 68.0 - 212 $^{\circ}\text{F}$	
Maximum Service Temperature, Air	1750 $^{\circ}\text{C}$	3180 $^{\circ}\text{F}$	

Component Elements Properties	Metric	English	Comments
Al <sub>2</sub> O <sub>3</sub>	99.8 %	99.8 %	

Electrical Properties	Metric	English	Comments
Dielectric Constant	9.0 @Frequency 1.00e+6 Hz	9.0 @Frequency 1.00e+6 Hz	

## Contact Songhan Plastic Technology Co.,Ltd.

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