

Advanced Ceramics ACL 2088 Zinc Alumino-Silicate

Category : Ceramic , Glass , Glass Ceramic , Oxide , Aluminum Oxide

Material Notes:

A low expansion glass-ceramic suitable for sealing to molybdenum. Information provided by Advanced Ceramics Limited (ACL)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Advanced-Ceramics-ACL-2088-Zinc-Alumino-Silicate.php

Physical Properties	Metric	English	Comments
Density	3.10 g/cc	0.112 lb/in ³	

Mechanical Properties	Metric	English	Comments
Modulus of Elasticity	84.0 GPa	12200 ksi	
Modulus of Rupture	0.170 GPa @Temperature 20.0 °C	24.7 ksi @Temperature 68.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear	4.70 µm/m-°C @Temperature 20.0 - 520 °C	2.61 µin/in-°F @Temperature 68.0 - 968 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm @Temperature 20.0 °C	1.00e+14 ohm-cm @Temperature 68.0 °F	
Dielectric Strength	>= 44.0 kV/mm	>= 1120 kV/in	Breakdown

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