

## MarkeTech Yttrium-Stabilized Zirconia (YSZ) Single Crystal Substrate

Category : Ceramic , Oxide , Zirconium Oxide

### Material Notes:

Data provided by the supplier, MarkeTech International. Used as a substrate for deposition of high temperature oxide superconductors.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MarkeTech-Yttrium-Stabilized-Zirconia-YSZ-Single-Crystal-Substrate.php](http://www.lookpolymers.com/polymer_MarkeTech-Yttrium-Stabilized-Zirconia-YSZ-Single-Crystal-Substrate.php)

Physical Properties	Metric	English	Comments
Density	5.80 g/cc	0.210 lb/in <sup>3</sup>	
a Lattice Constant	5.41 Å...	5.41 Å...	

Thermal Properties	Metric	English	Comments
CTE, linear	10.3 Åµm/m-Å°C	5.72 Åµin/in-Å°F	
	@Temperature 20.0 Å°C	@Temperature 68.0 Å°F	
Melting Point	2500 Å°C	4530 Å°F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	27	27	

## Contact Songhan Plastic Technology Co.,Ltd.

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