

## MarkeTech Thorium-Doped Lanthanum Aluminum Oxide (Th:LaAlO<sub>3</sub>) Single Crystal Substrate

Category : Ceramic , Oxide , Aluminum Oxide

### Material Notes:

Data provided by 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-Thorium-Doped-Lanthanum-Aluminum-Oxide-ThLaAlO3-Single-Crystal-Substrate.php](http://www.lookpolymers.com/polymer_MarkeTech-Thorium-Doped-Lanthanum-Aluminum-Oxide-ThLaAlO3-Single-Crystal-Substrate.php)

Physical Properties	Metric	English	Comments
Density	6.50 g/cc	0.235 lb/in <sup>3</sup>	
a Lattice Constant	7.57 Å...	7.57 Å...	

Thermal Properties	Metric	English	Comments
CTE, linear	9.20 Åµm/m-Å°C	5.11 Åµin/in-Å°F	
	@Temperature 20.0 Å°C	@Temperature 68.0 Å°F	
Melting Point	2080 Å°C	3780 Å°F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	24.5	24.5	

## Contact Songhan Plastic Technology Co.,Ltd.

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