

## MarkeTech Strontium Titanate (SrTiO3) Single Crystal Substrate

Category : Ceramic , Oxide , Titanium 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-Strontium-Titanate-SrTiO3-Single-Crystal-Substrate.php](http://www.lookpolymers.com/polymer_MarkeTech-Strontium-Titanate-SrTiO3-Single-Crystal-Substrate.php)

Physical Properties	Metric	English	Comments
Density	5.12 g/cc	0.185 lb/in <sup>3</sup>	
a Lattice Constant	3.905 Å...	3.905 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	2080 Å°C	3780 Å°F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	300	300	
Dissipation Factor	0.020	0.020	

## Contact Songhan Plastic Technology Co.,Ltd.

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