

MarkeTech Neodymium Gallium Oxide (NdGaO3) Single Crystal Substrate

Category : Ceramic , Oxide

Material Notes:

Data provided by the supplier, MarkeTech International. Developed for deposition of III-V nitrides for LEDs, Lasers, etc. Standard orientation: ; GaN Lattice Mismatch 1.2%.

Order this product through the following link:

http://www.lookpolymers.com/polymer_MarkeTech-Neodymium-Gallium-Oxide-NdGaO3-Single-Crystal-Substrate.php

Physical Properties	Metric	English	Comments
Density	7.57 g/cc	0.273 lb/in ³	
a Lattice Constant	5.43 Å...	5.43 Å...	
c Lattice Constant	7.71 Å...	7.71 Å...	

Thermal Properties	Metric	English	Comments
CTE, linear	4.50 Åµm/m-Å°C	2.50 Åµin/in-Å°F	
	@Temperature 20.0 Å°C	@Temperature 68.0 Å°F	
Melting Point	1600 Å°C	2910 Å°F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	20	20	
Dissipation Factor	0.0030	0.0030	

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