

Aptek DI-STRATE 95209 Microwave/RF Foam Substrate

Category : Other Engineering Material , Composite Core Material , Polymer , Thermoset

Material Notes:

DI-STRATE™ Tiles are fully-crosslinked, low density, composite foam substrates which exhibit a low characteristics in the microwave frequency range. Uses: Patch Radiators/Satellite Information provided by Aptek Laboratories, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aptek-DI-STRATE-95209-MicrowaveRF-Foam-Substrate.php

Physical Properties	Metric	English	Comments
Density	0.250 g/cc	0.00903 lb/in ³	Foam

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	
Compressive Yield Strength	3.10 MPa	450 psi	

Electrical Properties	Metric	English	Comments
Dielectric Constant	1.37	1.37	
	@Frequency 2.00e+9 Hz	@Frequency 2.00e+9 Hz	
Dissipation Factor	0.0031	0.0031	
	@Frequency 2.00e+9 Hz	@Frequency 2.00e+9 Hz	

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