

## Aptek DI-STRATE 95212 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/AntennasInformation provided by Aptek Laboratories, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aptek-DI-STRATE-95212-MicrowaveRF-Foam-Substrate.php](http://www.lookpolymers.com/polymer_Aptek-DI-STRATE-95212-MicrowaveRF-Foam-Substrate.php)

Physical Properties	Metric	English	Comments
Density	0.310 g/cc	0.0112 lb/in <sup>3</sup>	Foam

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	40	40	
Compressive Yield Strength	3.79 MPa	550 psi	

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.71	2.71	
	@Frequency 2.00e+9 Hz	@Frequency 2.00e+9 Hz	
Dissipation Factor	0.0041	0.0041	
	@Frequency 2.00e+9 Hz	@Frequency 2.00e+9 Hz	

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