

Arlon AD255 Woven Glass and PTFE

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Used in the RF and microwave industries, including base station antennas and BSA feed networks. Information provided by Arlon Materials for Electronics (MED).

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-AD255-Woven-Glass-and-PTFE.php

Physical Properties	Metric	English	Comments
Density	2.40 g/cc	0.0867 lb/in ³	
Water Absorption	0.070 %	0.070 %	

Mechanical Properties	Metric	English	Comments
Peel Strength	2.45 kN/m	14.0 pli	

Thermal Properties	Metric	English	Comments
CTE, linear	12.0 µm/m-°C	6.67 µin/in-°F	x direction
	15.0 µm/m-°C	8.33 µin/in-°F	y direction
CTE, linear, Transverse to Flow	95.0 µm/m-°C	52.8 µin/in-°F	z direction
Thermal Conductivity	0.235 W/m-K	1.63 BTU-in/hr-ft ² -°F	
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.55	2.55	
	@Frequency 1.00e+10 Hz	@Frequency 1.00e+10 Hz	
	2.55	2.55	
	@Thickness 0.508 mm	@Thickness 0.0200 in	
	2.55	2.55	
	@Thickness 3.17 mm	@Thickness 0.125 in	
Dissipation Factor	0.0018	0.0018	
	@Frequency 1.00e+10 Hz	@Frequency 1.00e+10 Hz	

Descriptive Properties	Value	Comments
Temperature Coefficient of Dielectric (ppm/°C)	-110	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China