

Unitika AX-1500W Conditioned

Category : Polymer , Thermoplastic , Polyarylate

Material Notes:

Characteristics: A resin succeeding the advantages of AX1500 resin and containing titanium oxide at high concentration. Improved drastically in light reflection and blocking properties, aimed at display devices Chemical resistance Information provided by Unitika Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unitika-AX-1500W-Conditioned.php

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+12 ohm-cm	1.00e+12 ohm-cm	ASTM D257
Dielectric Constant	3.4 @Frequency 1.00e+6 Hz	3.4 @Frequency 1.00e+6 Hz	ASTM D150
Dielectric Strength	25.0 kV/mm	635 kV/in	ASTM D149
Dissipation Factor	0.040 @Frequency 1.00e+6 Hz	0.040 @Frequency 1.00e+6 Hz	ASTM D150
Arc Resistance	80 sec	80 sec	ASTM D495

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	200 - 220 °C	392 - 428 °F	
Middle Barrel Temperature	220 - 240 °C	428 - 464 °F	
Front Barrel Temperature	230 - 250 °C	446 - 482 °F	
Nozzle Temperature	230 - 250 °C	446 - 482 °F	
Mold Temperature	40.0 - 60.0 °C	104 - 140 °F	actual surface temp
Drying Temperature	100 °C	212 °F	
Dry Time	10.0 - 24.0 hour	10.0 - 24.0 hour	
Back Pressure	0.490 - 1.47 MPa	71.1 - 213 psi	gage pressure

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