

Pyrotek Pyromat TS-045 Electrical Insulating Board

Category : Polymer , Thermoset , Filled/Reinforced Thermoset

Material Notes:

Pyromat TS-045 is a black laminate, press molded from high-temperature thermoset resin and reinforced with glass filament mat. Its composition ensures excellent chemically resistance and antistatic properties. Each board is surface ground to achieve accurate dimensions on thickness and parallelism. Pyromat TS-045 is specifically formulated to provide optimum properties for the manufacture of solder pallets for the PCB industry. Applications Wave solder pallet / carrier support Advantages Superior antistatic properties Excellent chemical durability Exceptional thermal resistance Superior parallelism and flatness Good machining characteristics Easy to wash and handle Dimensionally stable Information provided by Pyrotek.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pyrotek-Pyromat-TS-045-Electrical-Insulating-Board.php

Physical Properties	Metric	English	Comments
Density	1.80 - 1.90 g/cc	0.0650 - 0.0686 lb/in ³	
Water Absorption	<= 0.18 %	<= 0.18 %	

Mechanical Properties	Metric	English	Comments
Flexural Strength	400 MPa	58000 psi	
Compressive Strength	500 MPa	72500 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	Continuous
	300 °C	572 °F	Intermittent

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+6 - 1.00e+10 ohm	1.00e+6 - 1.00e+10 ohm	

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