

Haysite Plastics H722

Thermoset Polyester
Haysite Reinforced Plastics

Message:

H722 is an all-purpose GPO-1 fiberglass mat reinforced thermoset polyester molded sheet. Available in thicknesses ranging from .031" - 2.00". Standard color - Natural. Meets Gov't Specs - LP-509, I-24768/6.

General Information			
Filler / Reinforcement	Glass Fiber		
Agency Ratings	EC 1907/2006 (REACH)		
	FED L-P-509		
	NEMA GPO-1		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.87	g/cm ³	ASTM D792
Water Absorption (Equilibrium)	0.60	%	ASTM D229
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	46		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	68.9	MPa	ASTM D638
Flexural Modulus	6890	MPa	ASTM D790
Flexural Strength	124	MPa	ASTM D790
Compressive Strength	221	MPa	ASTM D695
Shear Strength	96.5	MPa	ASTM D732
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	430	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength (1.59 mm, Oil)	20	kV/mm	ASTM D149
Dielectric Constant			ASTM D150
60 Hz	4.80		
1 MHz	4.30		
Dissipation Factor			ASTM D150
60 Hz	0.015		
1 MHz	0.011		
Arc Resistance	150	sec	ASTM D495
Dielectric Strength - Step-By-Step In Oil ¹	54000	V	ASTM D149
Flame Resistance			ASTM D229

Burning Time	5.5	min	
Ignition Time	1.0	min	
Bond Strength (1.27 cm)	8.62	MPa	ASTM D229
Temperature Rating	130	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
NOTE			

1. Parallel

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