

Haysite Plastics H320

Thermoset Polyester
Haysite Reinforced Plastics

Message:
A thermoset polyester composite that offers superior energy efficiency, temperature control, and durability for high temperature mold and platen thermal applications. A proven, cost effective product for the plastic and rubber molder. Available in thicknesses from 1/8" - 2.00". Color - Brown.

General Information			
Features	Durable		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Brown		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Water Absorption (Equilibrium, 9.53 mm)	0.25	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11000	MPa	ASTM D638
Tensile Strength	82.7	MPa	ASTM D638
Flexural Strength	159	MPa	ASTM D790
Compressive Strength			ASTM D695
204°C	111	MPa	
149°C	161	MPa	
-- 1	290	MPa	
Poisson's Ratio	0.33		ASTM E132
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	530	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	1.4E-5	cm/cm/°C	ASTM D696
Thermal Conductivity	1.9	W/m/K	ASTM C177
Maximum Service Temperature	232	°C	
NOTE			
1.	Cond. A		

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Recommended distributors for this material

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