

Haysite Plastics HCR-197

Thermoset Polyester
Haysite Reinforced Plastics

Message:

Haysite Plastics HCR-197 is a Thermoset Polyester product. It is available in North America.

Characteristics include:

Chemical Resistant
Corrosion Resistant

General Information			
Features	Good Chemical Resistance		
	Good Corrosion Resistance		
Appearance	Yellow		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.60	g/cm ³	ASTM D792
Water Absorption (Equilibrium)	0.20	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	56		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	68.9	MPa	ASTM D638
Flexural Strength ²	152	MPa	ASTM D790
Compressive Strength ³	207	MPa	ASTM D695
Shear Strength	89.6	MPa	ASTM D229
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ⁴	530	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength ⁵ (Air/Oil)	16	kV/mm	ASTM D149
Dielectric Strength - in Air/Oil ⁶	54000	V	ASTM D149
Flame Resistance			ASTM D229
Burning Time	5.0	min	
Ignition Time	1.4	min	
NOTE			
1.	Lengthwise		
2.	Lengthwise		
3.	Flatwise		
4.	Lengthwise		
5.	Perpendicular		
6.	Parallel		

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Recommended distributors for this material

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