

Haysite Plastics HCR-196

Thermoset Polyester
Haysite Reinforced Plastics

Message:

Haysite Plastics HCR-196 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	Grey		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.70	g/cm ³	ASTM D792
Water Absorption (Equilibrium)	0.20	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	55		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	70.3	MPa	ASTM D638
Flexural Strength ²	155	MPa	ASTM D790
Compressive Strength ³	207	MPa	ASTM D695
Shear Strength	93.8	MPa	ASTM D229
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ⁴	430	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	47000	V	ASTM D149
NOTE			
1.	Lengthwise		
2.	Lengthwise		
3.	Flatwise		
4.	Lengthwise		
5.	Perpendicular		
6.	Parallel		

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