

Haysite Plastics H232

Thermoset Polyester
Haysite Reinforced Plastics

Message:

Haysite Plastics H232 is a Thermoset Polyester product. It is available in North America.

Characteristics include:

Flame Rated
Chemical Resistant
Corrosion Resistant

General Information			
Features	Good Chemical Resistance		
	Good Corrosion Resistance		
Appearance	White		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.83	g/cm ³	ASTM D792
Water Absorption (Equilibrium)	0.28	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	46		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
-- ¹	29.1	MPa	
-- ²	64.6	MPa	
Flexural Strength			ASTM D790
-- ³	67.9	MPa	
-- ⁴	132	MPa	
Compressive Strength ⁵	210	MPa	ASTM D695
Shear Strength	75.3	MPa	ASTM D229
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ⁶	940	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength ⁷ (Air/Oil)	14	kV/mm	ASTM D149
Arc Resistance	189	sec	ASTM D495
Dielectric Strength - in Air/Oil ⁸	48600	V	ASTM D149
Flame Spread Index	10.0		ASTM E84
Smoke Developed Index	1.28	MPa	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
NOTE			

1.	Crosswise
2.	Lengthwise
3.	Crosswise
4.	Lengthwise
5.	Flatwise
6.	Lengthwise
7.	Perpendicular
8.	Parallel

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