

Haysite Plastics H900

Thermoset Polyester

Haysite Reinforced Plastics

Message:

H900 is recognized throughout the world as a reliable, consistent GPO-3 material. Standard size sheets are available in thicknesses ranging from .094" to 2.00". H900 also exhibits excellent smoke, flame and toxicity characteristics. Govt. Spec I-24768/6. Standard color - red.

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
	NEMA GPO-3		
RoHS Compliance	RoHS Compliant		
UL File Number	E81893		
Appearance	Red		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.80	g/cm ³	ASTM D792
Water Absorption (Equilibrium)	0.20	%	ASTM D229
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	62		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	62.1	MPa	ASTM D638
Flexural Modulus	10300	MPa	ASTM D790
Flexural Strength	124	MPa	ASTM D790
Compressive Strength	207	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)	18	kV/mm	ASTM D149
Dielectric Constant (60 Hz)	5.20		ASTM D150
Dissipation Factor (60 Hz)	0.060		ASTM D150
Arc Resistance	190	sec	ASTM D495
Comparative Tracking Index	> 600	V	
Inclined-Plane Tracking	1000	min	ASTM D2303
Dielectric Strength - Step-By-Step In Oil ¹	55000	V	ASTM D149
Flame Resistance			ASTM D229
Burning Time	33.0	sec	
Ignition Time	130.0	sec	
Radiant Panel Listing (UL) - Flame Spread	5.00		ASTM E162

Smoke Density - at 4.0 minutes, flaming	0.33		ASTM E662
Bond Strength (1.27 cm)	9.65	MPa	ASTM D229
Temperature Rating	160	°C	
Tunnel Test - Flame Spread (6.35 mm)	< 25.0		ASTM E84
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
NOTE			

1.
- Parallel

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT