

Haysite Plastics H261

Thermoset Polyester
Haysite Reinforced Plastics

Message:

H261 is an advanced composite that combines high temperature resistant and high strength characteristics with static dissipative properties for use as wave and reflow solder pallets. SDL Grade H261 may be used as dedicated or adjustable flow solder carriers as well as surface mount pallets. Listed below are the expected performance properties of this material. H261 is available in snaded thicknesses from 3, 5, 6, 8, 10 and 12mm and in sheet sizes 36" x 72" and 48" x 96". Standard color is Black.

General Information			
Features	High Heat Resistance		
	High Strength		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.83	g/cm ³	ASTM D792
Water Absorption (25°C, 24 hr)	0.16	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	48		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus			ASTM D790
25°C ¹	11400	MPa	
25°C ²	10400	MPa	
150°C ³	4560	MPa	
150°C ⁴	4060	MPa	
Flexural Strength			ASTM D790
25°C ⁵	228	MPa	
25°C ⁶	187	MPa	
150°C ⁷	44.7	MPa	
150°C ⁸	41.7	MPa	
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	2.1E-5	cm/cm/°C	Internal Method
Specific Heat	1260	J/kg/°C	ASTM E1269
Thermal Conductivity	0.43	W/m/K	ASTM E1925
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+6 to 1.0E+10	ohms	ASTM D257
NOTE			
1.	Crosswise		

2.	Lengthwise
3.	Crosswise
4.	Lengthwise
5.	Crosswise
6.	Lengthwise
7.	Crosswise
8.	Lengthwise

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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



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