

## Haysite H330 Polyester Composite

Category : Polymer , Thermoset , Polyester, TS

**Material Notes:**

A thermoset polyester composite that offers superior energy efficiency, temperature control, and durability for high temperature mold and platen thermal applications. A proven, cost effective product for the plastic and rubber molder. Available in thicknesses from 1/8" - 2.00".

Color - Orange. Information provided by Haysite

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Haysite-H330-Polyester-Composite.php](http://www.lookpolymers.com/polymer_Haysite-H330-Polyester-Composite.php)

Physical Properties	Metric	English	Comments
Water Absorption	0.25 %	0.25 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength	82.7 MPa	12000 psi	ASTM D638
Tensile Modulus	11.0 GPa	1600 ksi	ASTM D638
Flexural Strength	157 MPa	22800 psi	ASTM D790
Compressive Strength	303 MPa	44000 psi	ASTM D695
	181 MPa @Temperature 260 Â°C	26200 psi @Temperature 500 Â°F	ASTM D695
	211 MPa @Temperature 204 Â°C	30600 psi @Temperature 400 Â°F	ASTM D695
	219 MPa @Temperature 149 Â°C	31700 psi @Temperature 300 Â°F	ASTM D695
Poissons Ratio	0.332	0.332	ASTM E132
Shear Modulus	4.13 GPa	599 ksi	Calculated
Izod Impact, Notched	6.94 J/cm	13.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	43.0 Âµm/m-Â°C	23.9 Âµin/in-Â°F	ASTM D696
Thermal Conductivity	1.85 W/m-K	12.8 BTU-in/hr-ftÂ²-Â°F	ASTM D177
Maximum Service Temperature, Inert	288 Â°C	550 Â°F	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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