

Haysite Plastics H330

Thermoset Polyester

Haysite Reinforced Plastics

Message:

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.

| General Information | | | |
|---|----------------------|----------|-------------|
| Features | Durable | | |
| Agency Ratings | EC 1907/2006 (REACH) | | |
| RoHS Compliance | RoHS Compliant | | |
| Appearance | Orange | | |
| Forms | Sheet | | |
| Physical | Nominal Value | Unit | Test Method |
| Water Absorption (Equilibrium, 9.53 mm) | 0.25 | % | ASTM D570 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 11000 | MPa | ASTM D638 |
| Tensile Strength | 82.7 | MPa | ASTM D638 |
| Flexural Strength | 157 | MPa | ASTM D790 |
| Compressive Strength | | | ASTM D695 |
| 204°C | 211 | MPa | |
| 260°C | 181 | MPa | |
| -- ¹ | 303 | MPa | |
| 149°C | 219 | MPa | |
| Poisson's Ratio | 0.33 | | ASTM E132 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 690 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| CLTE - Flow | 1.3E-5 | cm/cm/°C | ASTM D696 |
| Thermal Conductivity | 1.9 | W/m/K | ASTM C177 |
| Maximum Service Temperature | 288 | °C | |
| NOTE | | | |
| 1. | Cond. A | | |

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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

