

Haysite Plastics H722 GPO-1

Thermoset Polyester
Haysite Reinforced Plastics

Message:

Haysite Plastics H722 GPO-1 is a Thermoset Polyester product. It is available in North America.

Characteristics include:

Chemical Resistant
Corrosion Resistant

| General Information | | | |
|---|---------------------------|-------------------|-------------|
| Features | Good Chemical Resistance | | |
| | Good Corrosion Resistance | | |
| Appearance | Natural Color | | |
| Forms | Sheet | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.87 | g/cm ³ | ASTM D792 |
| Water Absorption (Equilibrium) | 0.60 | % | ASTM D570 |
| Hardness | Nominal Value | Unit | Test Method |
| Barcol Hardness | 46 | | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| -- ¹ | 34.5 | MPa | |
| -- ² | 68.9 | MPa | |
| Flexural Strength | | | ASTM D790 |
| -- ³ | 96.5 | MPa | |
| -- ⁴ | 124 | MPa | |
| Compressive Strength ⁵ | 221 | MPa | ASTM D695 |
| Shear Strength | 96.5 | MPa | ASTM D229 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact ⁶ | 430 | J/m | ASTM D256 |
| Electrical | Nominal Value | Unit | Test Method |
| Dielectric Strength ⁷ (Air/Oil) | 20 | kV/mm | ASTM D149 |
| Arc Resistance | 150 | sec | ASTM D495 |
| Dielectric Strength - in Air/Oil ⁸ | 54000 | V | ASTM D149 |
| Flame Resistance | | | ASTM D229 |
| Burning Time | 5.5 | min | |
| Ignition Time | 1.0 | min | |
| NOTE | | | |
| 1. | Crosswise | | |
| 2. | Lengthwise | | |

| | |
|----|---------------|
| 3. | Crosswise |
| 4. | Lengthwise |
| 5. | Flatwise |
| 6. | Lengthwise |
| 7. | Perpendicular |
| 8. | Parallel |

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