KYDEX® 6200 LTR
SMP800C compliant sheet for mass transit applications

Introduction

KYDEX® 6200 LTR is formulated for mass transit interior applications where SMP800C compliance is required.

KYDEX® 6200 LTR is the next generation in our line of high performance thermoplastic sheet products for rail and bus interiors. It is a cost effective alternative to FRP due to its greater ease of fabrication. This product meets the recommended fire safety practices of both the Federal Transit Administration (FTA) and the Federal Rail Administration (FRA) for smoke emission and flammability when tested as per ASTM E-662 and ASTM E-162.

General Information

KYDEX® 6200 LTR is the next generation in our line of high performance thermoplastic sheet products for rail and bus interiors. It is a cost effective alternative to FRP due to its greater ease of fabrication. This product meets the recommended fire safety practices of both the Federal Transit Administration (FTA) and the Federal Rail Administration (FRA) for smoke emission and flammability when tested as per ASTM E-662 and ASTM E-162.

Suggested Applications

- Seatbacks
- Bulkhead Components
- Window Reveal
- Ceiling Components
- Bulkhead Components
- Ceiling Components

Features

- Specifically designed for mass transit industries
- Compliant with SMP800C
- Meets flamespread and smoke density requirements for mass transit
- Excellent formability and fabrication quality
- Good definition
- Allows for tight tolerances
- Easy trimming

Environmental and Safety Considerations

SEKISUI SPI is committed to ensuring that its products can be manufactured, transported, stored, used, disposed and recycled with an appropriate regard for safety, health and environmental protection. We support the safe handling of our products. Please contact our Technical Service department at 800.682.8758 for resources or visit our website: http://www.sekisui-spi.com. For Material Safety Data Sheets, please call 800.325.3133.
# Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Typical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>ASTM D-792</td>
<td>1.58</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D-638</td>
<td>23.4 MPa</td>
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<tr>
<td>Tensile Modulus</td>
<td>ASTM D-638</td>
<td>2261 MPa</td>
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<tr>
<td>Flexural Strength</td>
<td>ASTM D-790</td>
<td>42.6 MPa</td>
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<tr>
<td>Flexural Modulus</td>
<td>ASTM D-790</td>
<td>2710 MPa</td>
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<tr>
<td>Rockwell Hardness (R Scale)</td>
<td>ASTM D-785</td>
<td>78</td>
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<tr>
<td>Heat Deflection Temperature (HDT):</td>
<td>ASTM D-648</td>
<td>71.1°C 82.2°C</td>
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<tr>
<td>Flammability, Radiant Panel</td>
<td>ASTM E-162</td>
<td>Pass</td>
</tr>
<tr>
<td>Smoke Generation, Dₜ @ 4.0 minutes</td>
<td>ASTM E-662</td>
<td>Pass</td>
</tr>
<tr>
<td>Toxicity Requirements</td>
<td>SMP 800C</td>
<td>Pass</td>
</tr>
</tbody>
</table>

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1 Values based upon 3.175mm (0.125") sheet unless otherwise specified.
2 Tested by an accredited third party lab.
Not intended for specification purposes.