

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.

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

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.

SEKISUI SPI

ISO 9001 and 14001 Certified

Customer Service

6685 Low St, Bloomsburg, PA 17815 USA
Phone: 800.325.3133, +1.570.389.5810
Outside the US: +1.570.389.5814
Fax: 800.452.0155, +1.570.387.7786
Email: info@sekisui-spi.com

Technical Service

Phone: 800.682.8758
Fax: +1.570.387.8722
Outside the US: +1.570.387.6997
techservice@sekisui-spi.com

sekisui-spi.com

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Physical Properties

Property	Test Method	Typical Value ¹			
Specific Gravity	ASTM D-792	1.58			
Tensile Strength	ASTM D-638	23.4 MPa	3390 psi		
Tensile Modulus	ASTM D-638	2261 MPa	328,000 psi		
Flexural Strength	ASTM D-790	42.6 MPa	6180 psi		
Flexural Modulus	ASTM D-790	2710 MPa	393,000 psi		
Rockwell Hardness (R Scale)	ASTM D-785	78			
Heat Deflection Temperature (HDT): @264psi (1.8 MPa) annealed @66psi (0.46 MPa) annealed	ASTM D-648	71.1°C 82.2°C	160°F 180°F		
Flammability, Radiant Panel I_s	ASTM E-162	Pass ²			
Smoke Generation, D_s @ 4.0 minutes	ASTM E-662	Pass ³			
Toxicity Requirements	SMP 800C	Pass ⁴			
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.					
¹ Values based upon 3.175mm (0.125") sheet unless otherwise specified. ² Tested by an accredited third party lab. ³ Not intended for specification purposes.					

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This information supersedes all previously published data.