POLYVANTIS

LIGHTWEIGHT & COMPLIANT RAILWAY SEATING

WITH LEXAN™ H6900 SHEET



LEXAN™ polycarbonate (PC) sheet, can play a significant role in train interiors due to their versatility, durability and design possibilities.

Our LEXAN H6900 sheet is an opaque, solid, glass filled PC sheet, specially designed for railway seating. This lightweight sheet not only optimizes fuel efficiency but also enhances the overall customer experience, placing a premium on comfort during transit.

This compliant seating (EN45545-2, R6 HL2) ensures adherence to stringent safety standards, fostering a secure environment for passengers.

POTENTIAL BENEFITS

COMPLIANCY
Meeting TB/T3237, UIC564-2, NFPA-130 and EN45545-2 Rail Fire Standards.

LIGHTWEIGHT
Outstanding lightweight advantages against Fiber Reinforced Plastics.

IMPACT RESISTANT
LEXAN (PC) sheet are known for their durability and toughness, they can withstand impact and resist damage from objects like tools, rocks, or projectiles.

THERMOFORMABLE
Ease of processing, design freedom and production of large parts.

LOWER ENERGY CONSUMPTION
Lighter trains require less energy to accelerate and maintain speed, leading to lower costs.

GRAFFITI RESISTANCE
Anti-vandalism LEXAN™ sheets can feature coatings or treatments that make it easier to remove graffiti without causing permanent damage to the surface.

LEXAN™ SHEET



PRODUCT AVAILABILITY

Product code:	LEXAN™ H690x Sheet
Color:	All colors on request
Textures:	H6906 Polished/Suede
Gauges:	2mm - 3mm (0.077" - 0.118")

OUR SOLUTION

In essence, the integration of LEXAN™ H6900 sheet in your railway seating not only prioritizes passenger well-being but also contributes to operational efficiency, cost effectiveness, and the overall advancement of rail transport standards.

SAMPLE REQUEST?

A4 samples are available, click the image to request a sample



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www.polyvantis.com

LEXAN™ POLYCARBONATE FILM & SHEET | Tough, Virtually Unbreakable

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