

# NEW GLOBAL COMPLIANT SHEET MEETING EN45545-2

LEXAN™ H6600 (ES004620) SHEET FOR RAILWAY INTERIORS



## LEXAN™ H6600 SHEET – A NEW PC BLEND WITH IMPROVED WEIGHT SAVINGS AND HIGH MODULES

LEXAN™ H6600 sheet is an opaque, solid, glass filled PC blend that delivers higher stiffness for railway seating and railway interior solutions. Its sustainable flame retardant performance meets the requirements of the Restriction of Hazardous Substances (RoHS) directive and it delivers non-chlorinated and non-brominated fire resistance technology. Its molded-in color capability avoids the cost and environmental hazards of secondary painting and provides excellent aesthetics.



## POTENTIAL BENEFITS



### COMPLIANCY

Meeting TB/T 3237, UIC 564-2, NFPA-130 and EN45545-2 Rail Fire Safety Standards.



### LIGHTWEIGHT

Outstanding lightweight advantages against Fiber Reinforced Plastics.



### EASY TO CLEAN AND DISINFECT

Withstands repeated cleaning with most industry common cleaning agents.



### DURABILITY

Long lasting and durable solution.



### THERMOFORMABLE

Ease of processing and freedom of design in complex shapes.



### STIFFNESS/MODULUS

Provides high stiffness.



### EHSS

Clean and largely automated manufacturing process.



### ENVIRONMENTAL FRIENDLY

Recyclable, low impact on carbon footprint (compared to metal).

In railway transportation, fire protection always has top priority. LEXAN™ H6600 Sheet is designed to ensure compliance with standards like the European EN45545 norm:

COMPLIANCE

EN45545-2

HL2, R1 - Railway Seating @3-5 mm



## POTENTIAL APPLICATIONS

- Wall Claddings
- Seat Claddings
- Kick Boards
- Window Frames
- Partition Walls
- Toilet Modules
- Ceilings

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