As mass transit companies are starting to take active protective measures for passengers and staff, SABIC can assist with materials that support these distancing and protective measures. Transparent LEXAN™ polycarbonate sheets are ideal to facilitate the active separation of passengers and for increased driver and staff sneeze and spray protection. LEXAN sheet materials have already proven their value in operational use in multiple geographies in rail and bus applications like window glass replacement and signage coverings and now they offer new solutions related to COVID-19 safety applications. LEXAN sheet materials can be used for seat adaptions, compartmentation, driver protection screens, light diffusers, rider partition / protection panels, kiosks and ticket booth sneeze guards.

**EXCELLENT OPTICAL CLARITY**
Transparency up to 87-90%

**HIGH IMPACT STRENGTH**
Virtually unbreakable and resistant to abrasion

**EASY TO CLEAN AND DISINFECT**
Withstands repeated cleaning with common hospital cleaning agents

**FLAME RETARDANT**
Excellent fire performance

**COLD LINE BENDING**
The sheet can be cold-bended by a hydraulic press bending equipment to achieve high stiffness

**FORMABILITY**
Cold curving and enables design freedom

**EASY TO INSTALL**
Ease of handling and installation

**LIGHTWEIGHT**
Outstanding lightweight advantages against glass
LEXAN™ F2000 Sheet
- Good flammability performance, light weight, excellent impact resistance, high optical quality, good stiffness and strength and ease of processing
- Screen Barriers
- Protective Screens for drivers
- Sneezing guards
- Rider partition / protection panels

LEXAN™ MARGARD™ MRSFR Sheet/
LEXAN™ MARGARD™ MRX Sheet
- Excellent flame retardant and mar resistant, high impact strength, dual hard coated surface and graffiti resistance.
- Screen Barriers
- Protective Screens for drivers
- Sneezing guards
- Rider partition / protection panels

LEXAN™ FRA 25C Sheet
- High impact resistant sheet, excellent abrasion resistant surface, meets the UMTA glazing guidelines and the FRA (Federal Railway Administration) Type I & II ballistic and impact requirements.
- Screen Barriers
- Protective Screens for drivers
- Sneezing guards
- Rider partition / protection panels

FLAME RETARDANCY
All mentioned transparent LEXAN™ sheet products are tested according the major global Rail standards, and are also approved for use in other means of public transport like Taxi, City Buses and Motor Coaches.

CHEMICAL RESISTANCE AND CLEANING
LEXAN™ solid sheet products have a high resistance to most moderate chemicals. For a complete list of compatible cleaners and cleaning methods, please contact your local SABIC representative.

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