

# TRANSPARENT LEXAN™ (PC) SOLID SHEET SOLUTIONS

# FOR HYGENIC PROTECTIVE SCREENS



SABIC's Functional Forms business has been working to bring its portfolio of leading edge materials to bear in glazing applications for over 40 years. Virtually unbreakable, high optical quality solid LEXAN™ (PC) sheet products with highly specialized properties are often a top choice for answering the specific needs and providing protection to your most demanding applications. As companies are looking for protection materials connecting to healthcare, retail and food service areas, and others, our portfolio can offer a solution connecting to that.





# **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

# PRODUCT OFFERING

Grade	Description	Solution for
LEXAN™ 9030 Sheet	High impact strength, Excellent light transmission, High/low temperature resistance, Thermoformable and decorative finishes possible	Aerosols (Intubation boxes), Sneeze Guards, Screen Barriers, Protective Screens
LEXAN™ EXELL™-D Sheet	High impact strength, Excellent light transmission, Easy to install in most applications, thermoformable and both sides UV protected	Aerosols (Intubation boxes) Sneeze Guards, Screen Barriers, Protective Screens
LEXAN™ EXELL™-D ST Sheet	Textured polycarbonate sheet, excellent light diffusion without transparency, high impact strength, ease of handling and installation and both sides UV protected	Separation Walls, Screen Barriers

## CHEMICAL RESISTANCE

LEXAN $^{\text{\tiny{M}}}$  solid sheet products have a high resistance to most moderate chemicals. For a complete list of compatible cleaners, please contact your SABIC representative.

# **CLEANING**

Gently wash the sheet with a solution of mild soap and lukewarm water, using a soft, grid-free cloth or sponge to loosen any dirt or grime.



# **CONTACT US**

# Europe

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Grade	Description	Solution for
LEXAN™ 9030P Sheet	High impact strength, Excellent light transmission, High/low temperature resistance, Thermoformable and decorative finishes possible	Aerosols (Intubation boxes), Sneeze Guards, Screen Barriers, Protective Screens
LEXAN™ EXELL™DP Sheet	High impact strength, Excellent light transmission, Easy to install in most applications, thermoformable and both sides UV protected	Aerosols (Intubation boxes) Sneeze Guards, Screen Barriers, Protective Screens
LEXAN™ EXELL™D STP Sheet	Textured polycarbonate sheet, excellent light diffusion without transparency, high impact strength, ease of handling and installation and both sides UV protected	Separation Walls, Screen Barriers
LEXAN™ MARGARD™ MR5E Sheet	Extremely high impact strenth due to dual hard coated surface, UV and mar resistant, high resistant to chemical, a unique ten (10) year warranty against breakage.	Aerosols (Intubation boxes) Sneeze Guards, Screen Barriers, Protective Screens

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LEXAN™ XL102UV Sheet	High impact strength. Excellent Light Transmission. Easy to install, thermoformable and both sides UV protected. UL f1 rating.	Sneeze Guards, Screen Barriers, Intubation boxes
LEXAN™ SGC308 Sheet	Textured Polycarbonate Sheet. Excellent light diffusion without transparency, high impact strength ease of handling and installation. Both sides UV protected.	Separation Walls, Screen Barriers
LEXAN™ 9034 Sheet	Cost efficient polycarbonate sheet, combines high impact and temperature resistance with optical clarity. UV stabilized. UL f1 rating.	In-Store Employee Protection, Machine guards, Safety / Medical Shields, Intubation boxes
LEXAN™ 9444 Sheet (FDA approved)	Complies with FDA regulations, combines high impact and temperature resistance with optical clarity	Sterile applications

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# Americas

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