

# MACHINE GUARD GLAZING LEXAN™ MARGARD™ COATED SHEET

Virtually unbreakable, high optical quality polycarbonate (PC) LEXAN™ MARGARD™ sheet from SABIC is an excellent candidate for glazing in operator windows and machine glazing applications that may help improve safety in the working environment and thereby reducing the number of industrial accidents.

## HIGH IMPACT RESISTANCE

LEXAN MARGARD sheet offers extremely high impact resistance which does not vary significantly, even at temperatures as low as - 40° C and up to +120° C.

## HIGH RESISTANCE TO ABRASION

LEXAN MARGARD sheet is hard coated to protect against surface scratching and to maintain clarity in applications where frequent contact and cleaning are likely.

## HIGH RESISTANCE TO CHEMICALS

LEXAN MARGARD sheet offers high resistance to a wide range of critical chemicals, including cooling fluids, with virtually no degradation of the material and no loss in impact properties.

## VERSATILE

LEXAN MARGARD sheet is easy to install and fit to your requirements using conventional drilling or cutting techniques.

## EXCELLENT OPTICAL CLARITY

With transparency comparable with glass, LEXAN MARGARD sheet provides an extremely clear view of the work piece.

## INSTALLATION OPTIONS FOR OPERATOR WINDOWS:

Where the highest protection is demanded, LEXAN MARGARD sheet is recommended in combination with glass.

## FOR MACHINE GLAZING:

Single layer LEXAN MARGARD sheet gives high protection and long life performance.

## COMPREHENSIVE WARRANTY

LEXAN MARGARD sheet carries a ten year limited written warranty on impact strength.

## AVAILABLE PRODUCT GRADES ARE:

MR5E, MR5IR, MRX, MRX1, MRX1FR, MRAC

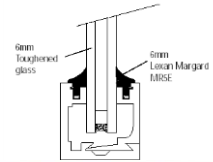


**10**  
Years  
limited warranty  
on impact  
strength



## LEXAN™ MARGARD™ SHEET IN COMBINATION WITH GLASS FOR OPERATOR WINDOWS

LEXAN MARGARD sheet is double glazed incorporating a 6mm airspace and 6mm thick toughened glass on the attack face.

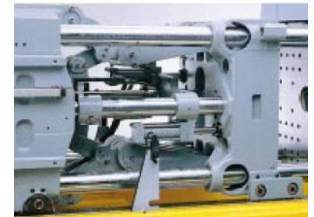


MATERIAL GRADE	THICKNESS (mm)	CLASSIFICATION								
		A1	A2	A3	B1	B2	B3	C1	C2	C3
Mass of projectile		.625kg	.625kg	.625kg	1.25kg	1.25kg	1.25kg	2.5kg	2.5kg	2.5kg
Impact in J		320	781	2000	1562	2480	4000	3124	4960	8000
Lexan Margard	6	Pass			Pass					
"	8	Pass	Pass		Pass	Pass				
"	9.5	Pass	Pass	Pass	Pass	Pass		Pass		
"	12	Pass	Pass	Pass	Pass	Pass		Pass	Pass	



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"	12	Pass	Pass	Pass	Pass	Pass		Pass	Pass	



LEXAN MARGARD sheet tested according to prEN12415, Machine Tools - Safety - Small numerically controlled turning machines and turning centers.



## CONTACT US:

SABIC  
Specialty Film & Sheet  
Plasticslaan 1  
4612 PX  
Bergen op Zoom  
The Netherlands  
T +31 164 293684  
F +31 164 292272  
E sfs.info@sabic-ip.com



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