

## A-A-59502 9 June 2000 SUPERSEDING MIL-P-46144C 3 June 1986

The General Services Administration has authorized the use of this commercial item description by all federal agencies.

SCOPE: This commercial item description (CID) covers four types of polycarbonate sheet ranging in length from 3 feet to 12 feet, width from 2 feet to 8 feet and thickness from 0.010 inch to 1.000 inch. Intended applications include architectural glazing, windows, food and medical handling, aircraft interiors, lighting fixtures, skylights, windscreens, passive solar collectors, conveyor covers, signs and bus shelters.

SUB CLASSIFICATIONFOR LEXAN SHEET GRADES THAT FIT THIS DESCRIPTION		LEXAN GRADES
TYPE I -STANDARD SHEET		
	CLASS 1 –ULTRAVIOLET (UV) STABILIZED	9034, 9030
	CLASS 2 -NON-UV STABILIZED	9444, 9440
TYPE II -FLAME RESISTANT		
	CLASS 1 –UV STABILIZED	F2104
	CLASS 2 -NON-UV STABILIZED	9604
TYPE III -MAR RESISTANT, UV STABILIZED		
	CLASS 1 -MAR RESISTANT, UV STABILIZED	
	GRADE A -HIGH ABRASION	MR10
	GRADE B -MEDIUM ABRASION	FMRT102
TYPE IV -COATED SHEET WITH UV RESISTANCE		
	CLASS 1 -MONOLITHIC	XL102UV, SGC100
		VARIOUS GRADES *, LTC2*, LC152*, LTT2*,
	CLASS 2 -DOUBLE-WALLED	LTC2* LTD2*
DISCLAIMER:		December-19

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

<sup>\*</sup>Dimensional tolerances contain within this specification default to SABIC internal manufacturing tolerances.