



SunGard® Ultra Weatherable Polycarbonate

Toughness and weatherability. When it comes to signage and clear sheeting applications, you want a material that will stand up to the demands of forming, fabrication, and installation. And once installed, you need a material that holds up over time. Spartech formulations are designed for class-leading performance in these critical areas. SunGard® weatherable sheet products combine the impact strength of polycarbonate with outstanding ultraviolet stability. The

unique properties of SunGard® sheet make it the perfect choice for various exterior sign applications. Choose SunGard® when extreme toughness is required.

Both SunGard® products are UL listed as UL746 F1 Suitable for Outdoor Use. SunGard® SG is UL94 HB yellow card listed for white and clear products. If your requirements include fire resistance, Spartech manufactures SunGard® FR. All colors have a yellow card listing of UL94 V2.

Call 800-677-4338 or email marketing@spartech.com to order these products.

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TYPICAL PROPERTIES			
Property	Test Method	SunGard® FR Value	SunGard® SG Value
Specific Gravity	ASTM D-792	1.20	1.20
Melt flow rate (300C/1.2kg)	ASTM D-1238	7.0 g/10 min	6.0 g/10 min
Tensile Strength	ASTM D-638	8,990 PSI	9,000 PSI
Tensile Elongation @ Yield	ASTM D-638	7.00%	6.00%
Tensile elongation at Break	ASTM D-638	110%	120%
Flex Strength	ASTM D-790	13,500 PSI	13,000 PSI
Flex Modulus	ASTM D-790	339,000 PSI	335,000 PSI
Notched Izod at 73°F	D-256	17 ft-lb/in	17 ft-lb/in
Rockwell Hardness R-scale	ASTM D-785	118	110
Heat Deflection Temperature @ 264 psi	ASTM D-648	270°F	260°F
Vicat Softening Temperature	ASTM D-1525	309°F	291°F
CLTE	ASTM E-831	3.8 E-5 in/in/F	3.8 E-5 in/in/F
Flammability	UL94-V / UL94I-HB	Listed: UL94-V2 at 0.059"	Listed: UL94-HB @ 0.098"
Light Transmittance (100mil)	ASTM D-1003	88%	88% to 90%
Haze (100mil)	ASTM D-1003	1%	< 1%

*All values based on 0.125" unless otherwise stated



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