

SunGard[®]

Weatherable Polycarbonate Sheet

Product Description

SunGard[®] is a weatherable polycarbonate sheet that combines the impact strength of polycarbonate with outstanding ultra-violet (UV) stability. SunGard's unique properties make it the perfect choice for a variety of exterior sign applications. SunGard LD is a light-diffusing sheet solution specifically formulated for LED backlighting.

Technical Properties

Property	Test Method	Value*
Specific Gravity	ASTM D-792	1.20
Izod Impact (Notched) 72°F	ASTM D-256	17.2 ft-lbs/in
Heat Deflection Temperature (@264 psi)	ASTM D-648	277°F
Tensile Strength	ASTM D-638	9,360 psi
Flexural Modulus	ASTM D-790	390,000 psi
Flexural Strength	ASTM D-790	15,000 psi
Rockwell Hardness (R Scale)	ASTM D-785	123
Falling Dart Impact 72°F (.177")	ASTM D-3029	No Break
Coefficient of Linear Thermal Expansion	ASTM D-696	3.0 - 4.0x10 ⁻⁵ in/in/°F
Thermal Conductivity	ASTM C-177	1.7 - 2.1 BTU/in/hr/ft ² /°F

**All values based on 0.125" unless otherwise stated*

For additional information, please contact Spartech at 800-677-4338 (800-67-SHEET), e-mail info@spartech.com or visit our website at www.spartech.com

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