

## Spartech CastAlloy Weatherable Sheet

Category : Polymer , Thermoplastic

**Material Notes:**

Description: Weatherable Sheet Information provided by Spartech.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Spartech-CastAlloy-Weatherable-Sheet.php](http://www.lookpolymers.com/polymer_Spartech-CastAlloy-Weatherable-Sheet.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	119	119	ASTM D785
Tensile Strength, Yield	47.2 MPa	6850 psi	ASTM D638
Tensile Modulus	2.34 GPa	339 ksi	ASTM D638
Flexural Yield Strength	71.0 MPa	10300 psi	ASTM D790
Flexural Modulus	2.48 GPa	359 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	148 $\mu\text{m/m-}^\circ\text{C}$ @Temperature 20.0 $^\circ\text{C}$	82.0 $\mu\text{in/in-}^\circ\text{F}$ @Temperature 68.0 $^\circ\text{F}$	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	89.4 $^\circ\text{C}$	193 $^\circ\text{F}$	ASTM D648
Flammability, UL94	HB	HB	

Optical Properties	Metric	English	Comments
Gloss	90 %	90 %	Gardner; ASTM D2523

## Contact Songhan Plastic Technology Co.,Ltd.

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