

## Spartech Solarex<sup>®</sup> SV Copolyester Sheet

Category : Polymer , Thermoplastic , Polyester, TP

**Material Notes:**

Description: Copolyester Sheet Information provided by Spartech.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Spartech-Solarex-SV-Copolyester-Sheet.php](http://www.lookpolymers.com/polymer_Spartech-Solarex-SV-Copolyester-Sheet.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	112	112	ASTM D785
Tensile Strength, Yield	48.80 MPa	7078 psi	ASTM D638
Tensile Modulus	2.32 GPa	336 ksi	ASTM D638
Flexural Yield Strength	85.998 MPa	12473 psi	ASTM D790
Flexural Modulus	2.62 GPa	380 ksi	ASTM D790
Izod Impact, Unnotched	0.523 J/cm	0.980 ft-lb/in	ASTM D256
	0.294 J/cm @Temperature -40.0 °C	0.550 ft-lb/in @Temperature -40.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	75.6 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$ @Temperature 20.0 °C	42.0 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$ @Temperature 68.0 Å°F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	72.2 Å°C	162 Å°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	67.2 Å°C	153 Å°F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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