

Spartech PS SP-2010

High Impact Polystyrene

Spartech Plastics

Message:

SP-2010 is engineered from the toughest polystyrene resins to provide a superior balance of processability, stiffness, deep-draw formability, and high impact strength.

General Information			
Features	Ultra high toughness		
	Rigidity, high		
	Impact resistance, high		
	Workability, good		
	Good stripping		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1650	MPa	ASTM D638
Tensile Strength (Yield)	24.1	MPa	ASTM D638
Flexural Modulus	1910	MPa	ASTM D790
Flexural Strength	47.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Dart Drop Impact (23°C)	14.1	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value		Test Method
Gardner Gloss	70		ASTM D523

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Recommended distributors for this material

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