

Spartech PS Korad® Cap/HIPS SP-2011

High Impact Polystyrene

Spartech Plastics

Message:

SP-2011 is the same excellent quality high impact polystyrene as SP-2010 capped with Korad® acrylic film to provide additional weathering protection. SP-2011 offers a superior balance of processability, stiffness, deep-draw formability, and high impact strength.

General Information			
Features	Rigidity, high		
	Impact resistance, high		
	Workability, good		
	Good stripping		
	Good weather resistance		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm³	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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