



# Korad<sup>®</sup> Cap/HIPS SP-2011

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

## Korad<sup>®</sup> Cap/HIPS SP-2011

Test	Condition	Units	Value
Specific Gravity	ASTM D792	g/cm <sup>3</sup>	1.04
Tensile Modulus	ASTM D638	psi	239,000
Tensile Strength	ASTM D638	psi	3,500
Flexural Modulus	ASTM D790	psi	277,000
Flexural Strength	ASTM D790	psi	6,900
Izod Impact	ASTM D256 (73°F, -40°C)	Ft-lbs/in.	2.0
Falling Dart Impact	ASTM D3029 (73°F, -40°C)	Ft-lbs	125 (in-lbs)
Heat Deflection Temperature	ASTM D648	°F	185
Hardness	ASTM D785	Rockwell R	95
Gardner Gloss	ASTM D523	%	70
Flammability Rating	UL94 HB		Passes

Spartech warrants that its products conform to its published specifications in effect at the time of sale, but Spartech expressly disclaims any warranties of the merchantability and of fitness for a particular purpose with respect to its products. The values shown above are representative of values that have been obtained in the testing of samples produced in various colors. Each user of the material should conduct his own testing and evaluations to determine the effectiveness, safety, and suitability of the material for its particular use.