



HDPE SP-1010

SP-1010 high density polyethylene sheet offers an exceptional combination of stiffness and stress crack resistance. Carefully controlled melt index and sheet orientation provides maximum formability and property consistency.

HDPE SP-1010 Data

Test	Condition	Units	Value
Specific Gravity	ASTM D792	g/cm ³	.96
Tensile Modulus	ASTM D638	psi	95,000
Tensile Strength	ASTM D638	psi	4,500
Flexural Modulus	ASTM D790	psi	225,000
Flexural Strength	ASTM D790	psi	
Izod Impact	ASTM D256 (73°F, -40°C)	Ft-lbs/in.	4.0
Falling Dart Impact	ASTM D3029 (73°F, -40°C)	Ft-lbs	
Heat Deflection Temperature	ASTM D648	°F	176
Hardness	ASTM D785	Rockwell R	66
Gardner Gloss	ASTM D523	%	
Flammability Ratings	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.