

# SP-1010 HDPE

## High Density Polyethylene

### Product Description

SP-1010 HDPE is a high-density polyethylene sheet that offers an exceptional combination of stiffness and stress crack resistance. With a good balance of performance properties, SP-1010 is an ideal choice for many applications, particularly trays, containers and other typical packaging or material handling purposes. It forms easily, has good deep draw capability, and offers a lighter weight option with good impact strength.

### Technical Properties

Property	Test Method	Value
Specific Gravity	ASTM D-792	0.96
Hardness - Shore D	ASTM D-2240	66
Tensile Strength	ASTM D-638	4500 psi
Ultimate Elongation	ASTM D-638	800 %
Tensile Modulus	ASTM D-638	195,000 psi
Flexural Modulus	ASTM D-790	225,000 psi
Izod Impact (Notched) 72°F	ASTM D-256	4.0 ft-lb/in
Coefficient of Thermal Expansion	ASTM D-696	6.0 in/in°F x 10 <sup>-5</sup>
Heat Deflection Temperature (@66 psi)	ASTM D-648	176°F
Flammability	UL94 HB	Passes >0.125"

For additional information, please contact Spartech at 800-677-4338 (800-67-SHEET), e-mail [info@spartech.com](mailto:info@spartech.com) or visit our website at [www.spartech.com](http://www.spartech.com)

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