

Spartech PE SP-1510

High Molecular Weight Polyethylene

Spartech Plastics

Message:

SP-1510 is a high molecular weight high density polyethylene sheet with superior environmental stress crack resistance, high impact strength and rigidity. Outstanding chemical resistance, low temperature strength and processability further characterize this highly versatile sheet product.

General Information			
Features	Low temperature strength		
	Rigidity, high		
	High ESCR (Stress Cracking Resistance)		
	High molecular weight		
	Impact resistance, high		
	Workability, good		
	Good chemical resistance		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.948	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	68		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	827	MPa	ASTM D638
Tensile Strength (Yield)	24.8	MPa	ASTM D638
Flexural Modulus	1140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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