

Spectrum S690

High Density Polyethylene

Spartech Plastics

Message:

Spectrum S690 is a high density polyethylene product. It can be processed by vacuum molding and is available in North America.

General Information			
Forms	Sheet		
Processing Method	Vacuum forming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.948	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.4	MPa	ASTM D638
Flexural Modulus	965	MPa	ASTM D790
Flexural Strength (Yield)	24.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-29°C, 3.18 mm	430	J/m	ASTM D256
22°C, 3.18 mm	690	J/m	ASTM D256
Dart Drop Impact (3.18 mm)	33.9	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	71.1	°C	ASTM D648

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Recommended distributors for this material

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