

Spectar™ UV Sheet

Copolyester
Spartech Plastics

Message:

Spectar UV Sheet is manufactured from Eastman Spectar resin. It is coextruded with a cap layer providing UV protection. Spectar UV Sheet is generally used in outdoor applications where the sheet has sufficient air movement to minimize its exposure to heat greater than 160 F. Its main attributes include ease of thermoforming, forming definition and chemical resistance.

General Information			
Additive	UV stabilizer		
Features	Good UV resistance		
	Workability, good		
	Good chemical resistance		
	Good weather resistance		
Uses	Outdoor application		
Forms	Sheet		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2210	MPa	ASTM D638
Tensile Strength (Yield)	53.1	MPa	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Flexural Strength	77.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	37	J/m	ASTM D256
23°C	91	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	73.9	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
2.97 mm ¹	HB		UL 94
3.02 mm ²	V-2		UL 94
NOTE			
1.	<0.118 inches		
2.	>0.118 inches		

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Recommended distributors for this material

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