

WeatherPro™ S

Acrylonitrile Butadiene Styrene + Acrylic (PMMA)

Spartech Plastics

Message:

WeatherProS is an acrylic cap coextruded ABS sheet, which can be produced as a two or three multilayer composite. The acrylic, which can be pigmented with metallic and high chroma colors, imparts a very high gloss with a superior depth of image. WeatherProS is targeted as a fiberglass and painted metal replacement in the lawn & garden, recreational & utility vehicle market segments.

General Information			
Features	Electroplating		
	Highlight		
	Good coloring		
	Good weather resistance		
Uses	Lawn and Garden Equipment		
	Metal substitution		
	Application in Automobile Field		
	Sporting goods		
Appearance	Available colors		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	99		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1790	MPa	ASTM D638
Tensile Strength (Yield)	34.5	MPa	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	71.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	240	J/m	ASTM D256
Dart Drop Impact (23°C)	27.1	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	82.2	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value		Test Method
Gardner Gloss	90		ASTM D523

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Recommended distributors for this material

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