

# WeatherPro™ SG

Acrylonitrile Butadiene Styrene

Spartech Plastics

## Message:

WeatherPro™ SG is a rigid, UV-stable thermoplastic sheet. Combining a unique, proprietary UV-resistant surface with the ductility and high impact resistance of ABS, WeatherPro™ SG is ideal for thermoforming and fabrication into custom sign applications.

### FEATURES AND BENEFITS

- Sign Components Manual (SAM) and UL recognition for sign face or sign body applications
- UV protection one or both surfaces, for interior light stability and uniform outward light reflectance
- Excellent balance of properties: UV resistance, toughness, and ease of fabrication
- Solvent cementable
- Available in standard black and white; dual color black one surface/white one surface
- Custom colors available on request

General Information			
Additive	UV stabilizer		
Features	Rigidity, high		
	Impact resistance, high		
	Good UV resistance		
	Good coloring		
	Good toughness		
	ductility		
Uses	Decorative Displays		
	Displays		
	Electronic display		
Appearance	White		
	Black		
	Available colors		
Forms	Sheet		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	41		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.9	MPa	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	210	J/m	ASTM D256
Dart Drop Impact (23°C)	32.5	J	ASTM D3029

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	87.8	°C	ASTM D648
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	90		ASTM D523

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#### Recommended distributors for this material

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