

PANELPRO ABS™ PANELPRO ABS™

Acrylonitrile Butadiene Styrene

Spartech Plastics

Message:

PanelPro ABS, Spartech's new wood grain embossed weatherable sheet. Printed film in redwood, gray cedar, and is laminated to an high impact ABS substrate. This aesthetically pleasing wood appearance is make strong inroads with the recreation & leisure and building & construction markets. PanelPro's excellent weatherable properties combined with the appearance of real wood products, make it suitable for a variety of wood replacement applications such as spa skirting and exterior siding accents.

General Information			
Additive	UV stabilizer		
Features	Impact resistance, high		
	Good UV resistance		
	Good weather resistance		
	Good appearance		
	Embossing		
Uses	Simulated Wood Parts		
	Building materials		
	Architectural application field		
	Sporting goods		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	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	2140	MPa	ASTM D638
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	130	J/m	ASTM D256
23°C	400	J/m	ASTM D256
Dart Drop Impact			ASTM D3029
-40°C	16.3	J	ASTM D3029
23°C	44.7	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Unannealed)	92.2	°C	ASTM D648
Optical	Nominal Value		Test Method
Gardner Gloss	86		ASTM D523

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

