

Spartech ABS CastAlloy

Acrylonitrile Butadiene Styrene + Acrylic (PMMA)

Spartech Plastics

Message:

CastAlloy was developed in concert with Lucite International and consists of cast acrylic sheet bonded to a high impact ABS substrate. CastAlloy is targeted for markets where only the ultimate in visual aesthetics, gloss, and chemical resistance are required, including the spa, bath & shower, display, and select automotive applications.

General Information			
Features	Highlight		
	Good chemical resistance		
	Good appearance		
Uses	Decorative Displays		
	Mineral spring recuperation supplies		
	Application in Automobile Field		
	Reinforced panel		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	119		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2340	MPa	ASTM D638
Tensile Strength (Yield)	47.2	MPa	ASTM D638
Flexural Modulus	2480	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Multi-Axial Instrumented Impact Energy (7.87 mm)	69.1	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	89.4	°C	ASTM D648
CLTE - Flow	8.3E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value		Test Method
Gardner Gloss	90		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



WECHAT