

TufCoat™ 6000

Polymethyl Methacrylate Acrylic
Lucite International Inc.

Message:

Designed for co-extrusion onto ABS and PVC for the manufacture of signage, fencing, railing, decking, body panels, garage doors and other products that require high impact and ultra high gloss.

General Information			
Features	High Gloss		
	High Impact Resistance		
Uses	Building Materials		
	Capstock		
	Construction Applications		
	Decorative Displays		
Forms	Pellets		
Processing Method	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	3.6	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	7		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1140	MPa	ASTM D638
Tensile Strength	21.7	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	1120	MPa	ASTM D790
Flexural Strength	38.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	140	J/m	ASTM D256
Gardner Impact ¹	6.21	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	53.9	°C	ASTM D648
Vicat Softening Temperature	62.2	°C	ASTM D1525 ²
Optical	Nominal Value	Unit	Test Method
Transmittance	90.0	%	ASTM D1003
NOTE			
1.	Method G, Geometry GB		
2.	Rate A (50°C/h)		

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

