Allen 6000

Acrylonitrile Butadiene Styrene + Acrylic (PMMA)

SEKISUI Polymer Innovations, LLC

Message:

Allen 6000 is designed for outdoor applications that require protection from UV exposure. It also works well for indoor applications when specialty colors, metallic effects and depth of image are needed.
Common Applications:
Agricultural & Heavy Equipment
Vehicle Interiors
Marine
Recreational Vehicles
Sink & Bath
Features and Benefits:
Excellent Weather-ability
Superior Smooth Finish
Excellent Depth of Image

General Information			
Features	Good Surface Finish Good UV Resistance Good Weather Resistance		
Uses	Agricultural Applications Automotive Applications Bathroom Accessories Marine Applications		
Processing Method	Sheet Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.06	g/cm³	ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2000	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	34.5	MPa	
Break	31.0	MPa	
Tensile Elongation			ASTM D638
Yield	2.9	%	
Break	7.8	%	
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	210	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**

Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	79.4	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.52 mm)	HB		UL 94
Optical	Nominal Value		Test Method
Gardner Gloss	90		ASTM D523

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