

Asaflex™ 845

Styrene Butadiene Styrene Block Copolymer
AKelastomers

Message:

Sheet extrusion grade. Highly compatible with GPPS (general-purpose polystyrene), for sheets with superior balance of transparency and impact resistance. Superior processability, enabling production of deep-draw containers and other products. It is supplied in pellet form. In blends with GPPS, sheets for drink cups and food containers, and IC magazine rails. Used alone for gardening ampoules and other products.

General Information			
Features	Copolymer		
	High Clarity		
	High Impact Resistance		
Uses	Containers		
	Cups		
	Food Containers		
	Lawn and Garden Equipment		
	Sheet		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	7.0	g/10 min	ISO 1133
Molding Shrinkage	0.20 to 0.80	%	
Water Absorption (23°C, 24 hr)	0.10	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	10		ISO 2039-2
Shore Hardness (Shore D)	68		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	27.0	MPa	ISO 527-2/5
Tensile Strain (Break)	40	%	ISO 527-2/5
Flexural Modulus	1500	MPa	ISO 178
Flexural Stress	34.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (Complete Break)	2.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	62.0	°C	ISO 75-2/A
Vicat Softening Temperature	81.0	°C	ISO 306/A50
Optical	Nominal Value	Unit	Test Method
Transmittance (2000 μm)	88.0	%	ISO 3537
Haze (2000 μm)	1.2	%	ISO 3537

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

