

Mytex® AS171L-02US

Compounded Polypropylene

Mytex Polymers

Message:

AS171L-02US is a compounded thermoplastics polyolefin (TPO) designed for exterior automotive applications requiring cold temperature impact, processability and paintability. This product is available in natural and black.

General Information			
Features	Good Processability		
	Low Temperature Impact Resistance		
	Paintable		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 kg)	24	g/10 min	ISO 1133
Molding Shrinkage ²			ISO 294-4
--	5.0E-3 to 7.0E-3	%	
80°C, 1 hr	6.0E-3 to 8.0E-3	%	
121°C, 1 hr	7.0E-3 to 9.0E-3	%	
Ash Content (600°C)	13.0	wt%	ISO 3451-1A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	15.0	MPa	ISO 527-2/1A/50
Flexural Modulus - Chord ³ (23°C)	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	54	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/Af
NOTE			
1.	Procedure B		
2.	48 hrs after molding		
3.	2.0 mm/min		

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

