

Sarlink® TPE ME-2675B (PRELIMINARY ACTIVE)

Thermoplastic Elastomer
Teknor Apex Company

Message:

The Sarlink ME-2600 Series is a super high flow high performance thermoplastic elastomer series, available in BLK, designed for automotive exterior molded applications, including window encapsulation. Sarlink ME-2675B is a medium hardness, low density, resilient, UV stabilized, super high flow injection molding grade delivering excellent aesthetics with good adhesion to glass with primer.

General Information			
Features	Low Specific Gravity		
	Excellent appearance		
	Low density		
	Good UV resistance		
	Workability, good		
	Good adhesion		
	High liquidity		
	Good chemical resistance		
	Elastic		
	Medium hardness		
Uses	Car window package		
	Application in Automobile Field		
	Automotive exterior parts		
	Rubber substitution		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	18	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ISO 868
Shore A, 1 second, injection molding	77		ISO 868
Shore A, 5 seconds, injection molding	74		ISO 868
Shore A, 15 seconds, injection molding	73		ISO 868
Elastomers	Nominal Value	Unit	Test Method

Tensile Stress			ISO 37
Transverse flow: 100% strain	2.55	MPa	ISO 37
Flow: 100% strain	2.79	MPa	ISO 37
Tensile Strength			ISO 37
Transverse flow: Fracture	10.5	MPa	ISO 37
Flow: Fracture	9.20	MPa	ISO 37
Tensile Elongation			ISO 37
Transverse flow: Fracture	790	%	ISO 37
Flow: Fracture	730	%	ISO 37
Tear Strength			ISO 34-1
Transverse flow	33	kN/m	ISO 34-1
Flow	33	kN/m	ISO 34-1
Compression Set			ISO 815
23°C, 22 hr	23	%	ISO 815
70°C, 22 hr	45	%	ISO 815
90°C, 70 hr	69	%	ISO 815
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air - Across Flow			ISO 188
110°C, 1008 hr	-2.0	%	ISO 188
125°C, 168 hr	-7.0	%	ISO 188
Changes in tensile stress upon fracture in air-Transverse flow			ISO 188
110°C, 1008 hr	0.50	%	ISO 188
125°C, 168 hr	-1.6	%	ISO 188
Change in Shore Hardness in Air			ISO 188
Shao A, 110°C, 1008 hr	1.9		ISO 188
Shao A, 125°C, 168 hr	2.2		ISO 188
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (200°C, 206 sec ⁻¹)	137	Pa · s	ASTM D3835
Additional Information			
Good adhesion to glass with primer			
Legal statement			
<p>The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchaser assumes all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or others. There is no warranty of merchantability and there are no other warranties for the products described. For detailed Product Stewardship information, please contact us. Any product of Teknor Apex, including product names, shall not be used or tested in medical or food contact applications without the prior written acknowledgement of Teknor Apex as to the intended use. Please note that some products may not be available in one or more countries.</p>			
Injection	Nominal Value	Unit	
Rear Temperature	170 - 190	°C	
Middle Temperature	175 - 195	°C	
Front Temperature	180 - 205	°C	

Nozzle Temperature	180 - 205	°C
Processing (Melt) Temp	180 - 205	°C
Mold Temperature	15 - 40	°C
Injection Pressure	1.38 - 6.89	MPa
Injection Rate	Fast	
Back Pressure	0.172 - 0.862	MPa
Screw Speed	50 - 120	rpm
Cushion	3.81 - 25.4	mm

Injection instructions

Drying is not necessary. However, if moisture is a problem, dry the pellets for 2 to 4 hours at 180°F (80°C).

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

