Sarlink® TPE ME-2655B (PRELIMINARY DATA)

Teknor Apex Company - Thermoplastic Elastomer

Friday, April 3, 2026

General Information

Product Description

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-2655B 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

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Bondability • Chemical Resistant • Good Adhesion • Good Color Stability • Good Mold Release	• Good Moldability • Good Processability • High Flow • Light Stabilized • Low Density	• Low Specific Gravity • Medium Hardness • Outstanding Surface Finish • Resilient • UV Resistant
Uses	• Automotive Applications • Automotive Exterior Parts	• Automotive Window Encapsulation • Rubber Replacement	
RoHS Compliance	• RoHS Compliant		
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Injection Molding		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	0.939	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.4	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ISO 37
Across Flow : 100% Strain	226	psi	
Flow : 100% Strain	281	psi	
Tensile Strength			ISO 37
Across Flow : Break	1520	psi	
Flow : Break	1130	psi	
Tensile Elongation			ISO 37
Across Flow : Break	880	%	
Flow : Break	770	%	
Tear Strength			
Across Flow	131	lbf/in	ISO 34
Flow	131	lbf/in	ISO 34-1
Compression Set			ISO 815
73°F, 22 hr	17	%	
158°F, 22 hr	36	%	
194°F, 70 hr	61	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness			ISO 868
Shore A, 1 sec	60		
Shore A, 5 sec	57		
Shore A, 15 sec	55		

Revision Date: 7/22/2019

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Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air - Across Flow			ISO 188
230°F, 1008 hr	8.7	%	
257°F, 168 hr	5.4	%	
Change in Tensile Strain at Break in Air - Across Flow			ISO 188
230°F, 1008 hr	3.4	%	
257°F, 168 hr	1.4	%	
Change in Shore Hardness in Air			ISO 188
Shore A, 230°F, 1008 hr	1.3		
Shore A, 257°F, 168 hr	2.1		

Additional Information	Nominal Value	Unit	Test Method
Apparent Shear Viscosity - Capillary, 206 1/sec (392°F)	139	Pa·s	ISO 11443
Good adhesion to glass with primer			

Legal Statement

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Processing Information

Injection	Nominal Value	Unit
Rear Temperature	338 to 374	°F
Middle Temperature	347 to 383	°F
Front Temperature	356 to 401	°F
Nozzle Temperature	356 to 401	°F
Processing (Melt) Temp	356 to 401	°F
Mold Temperature	59 to 104	°F
Injection Pressure	200 to 1000	psi
Injection Rate	Moderate-Fast	
Back Pressure	25.0 to 125	psi
Screw Speed	50 to 100	rpm
Cushion	0.150 to 1.00	in

Injection Notes

Drying is not necessary. However, if moisture is a problem, dry the pellets for 2 to 4 hours at 176°F (80°C).

Notes

[1] Typical properties: these are not to be construed as specifications.

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