Sarlink® TPE EE-2375B (PRELIMINARY DATA)

Teknor Apex Company - Thermoplastic Elastomer

Friday, April 3, 2026

General Information

Product Description

The Sarlink EE-2300 series is a high performance thermoplastic elastomer series, available in BLK, designed for demanding automotive low gloss extrusion applications including functional lip seals. Sarlink EE-2375 is a medium hardness, high density, filled, UV stabilized grade with exceptional tensile strength, superior surface aesthetics, good chemical resistance and good elasticity.

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Chemical Resistant • Good Adhesion • Good Flexibility • Good Processability • Good Scratch Resistance	• High Density • High Elasticity • High Melt Stability • High Specific Gravity • High Tensile Strength	• Light Stabilized • Low Gloss • Medium Hardness • Outstanding Surface Finish
Uses	• Automotive Applications • Automotive Exterior Parts	• Profiles • Rubber Replacement	• Seals • Weatherstripping
RoHS Compliance	• RoHS Compliant		
Appearance	• Black	• Natural Color	• Opaque
Forms	• Pellets		
Processing Method	• Extrusion		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.12		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	12	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ISO 37
Across Flow : 100% Strain	464	psi	
Flow : 100% Strain	566	psi	
Tensile Strength			ISO 37
Across Flow : Break	1100	psi	
Flow : Break	1090	psi	
Tensile Elongation			ISO 37
Across Flow : Break	610	%	
Flow : Break	540	%	
Tear Strength			ISO 34-1
Across Flow	185	lbf/in	
Flow	186	lbf/in	
Compression Set			ISO 815
73°F, 22 hr	20	%	
158°F, 22 hr	45	%	
194°F, 70 hr	60	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 5 sec, Injection Molded)	77		ISO 868

Revision Date: 5/29/2024

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Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air - Across Flow			ISO 188
230°F, 1008 hr	-11	%	
257°F, 168 hr	-7.1	%	
Change in Tensile Strain at Break in Air - Across Flow			ISO 188
230°F, 1008 hr	-19	%	
257°F, 168 hr	-8.5	%	
Change in Shore Hardness in Air			ISO 188
Shore A, 230°F, 1008 hr	2.9		
Shore A, 257°F, 168 hr	2.0		

Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (392°F, 206 sec^-1)	234	Pa·s	ASTM D3835

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Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	340 to 380	°F
Cylinder Zone 2 Temp.	350 to 390	°F
Cylinder Zone 3 Temp.	360 to 400	°F
Cylinder Zone 4 Temp.	360 to 400	°F
Cylinder Zone 5 Temp.	370 to 400	°F
Die Temperature	370 to 400	°F

Extrusion Notes

Screw Speed: 30 to 100 rpm

Notes

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

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