Sarlink® TPE EE-2270

Teknor Apex Company - Thermoplastic Elastomer

Friday, April 3, 2026

General Information

Product Description

The Sarlink EE-2200 Series is a general purpose thermoplastic elastomer series, available in BLK, designed for automotive exterior extrusion applications. Sarlink EE-2270 is a medium hardness, high density, light stabilized grade with very good extrudability.

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Adhesion • Good Flexibility • Good Processability	• Good Toughness • High Density • High Specific Gravity	• Light Stabilized • Medium Hardness • Ozone Resistant
Uses	• Automotive Applications • Automotive Exterior Parts	• Automotive Exterior Trim • Rubber Replacement	
RoHS Compliance	• RoHS Compliant		
Appearance	• Black	• Natural Color	• Opaque
Forms	• Pellets		
Processing Method	• Extrusion		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.55	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ISO 37
Across Flow : 100% Strain	305	psi	
Flow : 100% Strain	421	psi	
Tensile Stress			ISO 37
Across Flow : Break	1540	psi	
Flow : Break	943	psi	
Tensile Elongation			ISO 37
Across Flow : Break	760	%	
Flow : Break	640	%	
Tear Strength - Across Flow	194	lbf/in	ISO 34-1
Compression Set			ISO 815
73°F, 22 hr	25	%	
158°F, 22 hr	37	%	
257°F, 70 hr	81	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness			ISO 868
Shore A	72		
Shore A, 15 sec	69		
Fill Analysis	**Nominal Value**	**Unit**	**Test Method**
Apparent Viscosity (392°F, 206 sec^-1)	276	Pa·s	ASTM D3835

Revision Date: 5/29/2024

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Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	380 to 400	°F
Cylinder Zone 2 Temp.	390 to 410	°F
Cylinder Zone 3 Temp.	400 to 420	°F
Cylinder Zone 4 Temp.	410 to 430	°F
Cylinder Zone 5 Temp.	410 to 430	°F
Die Temperature	420 to 440	°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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