



# Sarlink® TPE EE-2260 (PRELIMINARY DATA)

Teknor Apex Company - Thermoplastic Elastomer

## 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-2260B is a medium hardness, high density, UV stabilized grade with very good extrudability.

### General

Material Status	• Preliminary Data		
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		

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
Across Flow : 100% Strain	232	psi	
Flow : 100% Strain	319	psi	
Tensile Stress			ISO 37
Across Flow : Break	1320	psi	
Flow : Break	783	psi	
Tensile Elongation			ISO 37
Across Flow : Break	790	%	
Flow : Break	650	%	
Tear Strength - Across Flow	166	lbf/in	ISO 34-1
Compression Set			ISO 815
73°F, 22 hr	20	%	
158°F, 22 hr	31	%	
257°F, 70 hr	77	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	63		
Shore A, 15 sec	60		
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (392°F, 206 sec <sup>-1</sup> )	266	Pa·s	ASTM D3835

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**Processing Information**

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<b>Extrusion</b>	<b>Nominal Value</b>	<b>Unit</b>
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

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**Extrusion Notes**

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Screw Speed: 30 to 100 rpm

**Notes**

<sup>1</sup> Typical properties: these are not to be construed as specifications.