Sarlink® TPE RV-2250 XRD (PRELIMINARY DATA)

Teknor Apex Company - Thermoplastic Elastomer

Friday, April 3, 2026

General Information

Product Description

Sarlink RV-2250 XRD is a high performance thermoplastic elastomer used in automotive applications, including exterior. Sarlink RV-2250 XRD is a medium hardness, medium density, RoHS compliant grade suitable for extrusion.

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Filled • Good Color Stability • Good Colorability • Good Melt Strength	• Good Processability • Good Processing Stability • Light Stabilized • Low Flow	• Low Gloss • Medium Density • Medium Hardness • Slip
Uses	• Automotive Exterior Parts • Automotive Exterior Trim	• Profiles • Seals	
RoHS Compliance	• RoHS Compliant		
Appearance	• Black • Colors Available	• Natural Color • Opaque	
Forms	• Pellets		
Processing Method	• Extrusion		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.950		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.5	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress [2]			ISO 37
Across Flow : 100% Strain	167	psi	
Flow : 100% Strain	45100	psi	
Tensile Stress - Across Flow [2] (300% Strain)	293	psi	ISO 37
Tensile Stress [2]			ISO 37
Across Flow : Break	1450	psi	
Flow : Break	513	psi	
Tensile Elongation [2]			ISO 37
Across Flow : Break	860	%	
Flow : Break	170	%	
Tear Strength [3]			ISO 34-1
Across Flow	87.4	lbf/in	
Flow	151	lbf/in	
Compression Set			ISO 815
73°F, 22 hr [4]	12	%	
158°F, 22 hr	58	%	
257°F, 70 hr	83	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness			ASTM D2240
Shore A, 1 sec, Injection Molded	52		
Shore A, 5 sec, Injection Molded	50		

Revision Date: 6/10/2025

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Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (392°F, 207 sec^-1)	268	Pa·s	ASTM D3835

Legal Statement

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Processing Information

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

Extrusion Notes

Screw Speed: 30 to 100 rpm

Notes

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

[2] Type 1, 20 in/min

[3] Method Ba, Angle (Unnicked), 20 in/min

[4] Type A

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