

# Sarlink® TPE RV-2240

Thermoplastic Elastomer

Teknor Apex Company

Message:

Sarlink TPE RV-2240 is a high performance thermoplastic elastomer used in a variety of transportation applications. Sarlink TPE RV-2240 is a low hardness, low density extrusion grade with good UV resistance.

General Information			
Features	Low Specific Gravity		
	Low density		
	smoothness		
	Light stabilization		
	Good UV resistance		
	Low liquidity		
	Lubrication		
	Fill		
	Hardness, low		
Uses	Application in Automobile Field		
	Automotive exterior parts		
	Car exterior decoration		
	Rubber substitution		
RoHS Compliance	RoHS compliance		
Appearance	Black		
	Natural color		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.948	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	5.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A, 1 sec	42		ASTM D2240
Shaw A, 5 seconds	40		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	7.58	MPa	ASTM D412
Tensile Elongation (Break)	650	%	ASTM D412
Tear Strength <sup>1</sup>	19.3	kN/m	ASTM D624

Compression Set (70°C, 22 hr)	28	%	ASTM D395
Legal statement			
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Injection instructions			
Drying is not necessary. However, if moisture is a problem, dry the pellets for 2 to 4 hours at 150°F (65°C).			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	160 - 204	°C	
Cylinder Zone 2 Temp.	166 - 210	°C	
Cylinder Zone 3 Temp.	171 - 216	°C	
Cylinder Zone 4 Temp.	171 - 216	°C	
Cylinder Zone 5 Temp.	177 - 221	°C	
Die Temperature	177 - 221	°C	
Extrusion instructions			
Drying is not necessary. However, if moisture is a problem, dry the pellets for 2 to 4 hours at 150°F (65°C).;Screw Speed: 30 to 100 rpm			
NOTE			
1.	C mould		

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