



Sarlink® TPV 2940DN-5

Teknor Apex Company - Thermoplastic Vulcanizate

General Information

Product Description

Sarlink TPV 2940DN-5 is a high performance thermoplastic vulcanizate used in automotive and industrial applications. Sarlink TPV 2940DN-5 is a high hardness, medium density, RoHS compliant grade suitable for extrusion processing.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Abrasion Resistant • Good Heat Resistance • High Hardness	• High Melt Strength • High Scratch Resistance • Light Stabilized	• Low Flow • Lubricated • Medium Density
Uses	• Expansion Joint • Gaskets • Glazing	• Grommets • Plugs • Tubing	• Weatherstripping
RoHS Compliance	• RoHS Compliant		
Appearance	• Natural Color	• Opaque	
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.952		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
Across Flow : 100% Strain	1350	psi	
Flow : 100% Strain	1900	psi	
Tensile Strength			ISO 37
Across Flow : Break	2670	psi	
Flow : Break	2050	psi	
Tensile Elongation			ISO 37
Across Flow : Break	630	%	
Flow : Break	330	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 5 sec)	40		ASTM D2240
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (392°F, 206 sec ⁻¹)	390	Pa·s	ASTM D3835

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Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	330 to 370	°F
Cylinder Zone 2 Temp.	340 to 390	°F
Cylinder Zone 3 Temp.	350 to 400	°F
Cylinder Zone 4 Temp.	360 to 410	°F
Cylinder Zone 5 Temp.	360 to 420	°F
Die Temperature	374 to 440	°F

Extrusion Notes

Screw Speed: 30 to 100 rpm

Notes

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