

Sarlink® TPE RV-2240

Teknor Apex Company - Thermoplastic Elastomer

Friday, June 30, 2017

General Information

Product Description

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

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Filled • Light Stabilized • Low Density	• Low Flow • Low Hardness • Low Specific Gravity	• Lubricated • Slip • UV Resistant
Uses	• Automotive Applications • Automotive Exterior Parts	• Automotive Exterior Trim • Rubber Replacement	
RoHS Compliance	• RoHS Compliant		
Appearance	• Black	• Natural Color	
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	5.0	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	1100	psi	ASTM D412
Tensile Elongation (Break)	650	%	ASTM D412
Tear Strength ²	110	lbf/in	ASTM D624
Compression Set (158°F, 22 hr)	28	%	ASTM D395
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 1 sec	42		
Shore A, 5 sec	40		

Legal Statement

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchaser assumes all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or others. There is no warranty of merchantability and there are no other warranties for the products described. For detailed Product Stewardship information, please contact us. Any product of Teknor Apex, including product names, shall not be used or tested in medical or food contact applications without the prior written acknowledgement of Teknor Apex as to the intended use. Please note that some products may not be available in one or more countries.

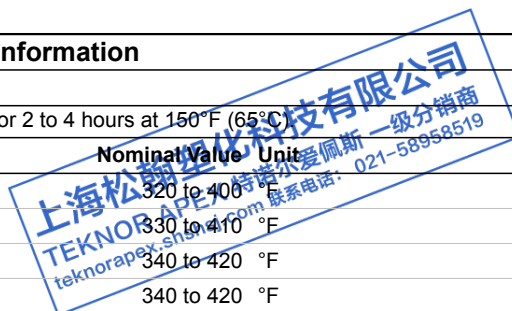
Processing Information

Injection Notes

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.	320 to 400	°F
Cylinder Zone 2 Temp.	330 to 410	°F
Cylinder Zone 3 Temp.	340 to 420	°F
Cylinder Zone 4 Temp.	340 to 420	°F
Cylinder Zone 5 Temp.	350 to 430	°F



Revision Date: 6/1/2016

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Extrusion	Nominal Value	Unit
Die Temperature	350 to 430	°F

Extrusion Notes

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

Notes

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

² Die C

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