+135-3858-6433 (GuangDong)
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TEKNOR APEX

Sarlink® TPV 11144DN XRD (PRELIMINARY DATA)

Teknor Apex Company - Thermoplastic Vulcanizate

General Information

Product Description

SARLINK® TPV 11000 series slip-coat grades, including SARLINK® TPV 11144DN XRD, have been developed specifically for co-extrusion with excellent adhesion onto TPE materials (TPS or TPV). Together these materials create an effective system for automotive sealing applications such as glass run channels, waist belts, auxiliary seals, and other profiles or articles. SARLINK® TPV 11000 series can also be applied onto EPDM profiles; it is recommended to contact a Teknor Apex representative for additional support.

General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific • Europe	• Latin America • North America	
Features	• Bondability • Chemical Resistant • Good Adhesion • Good Processability	• High Hardness • High Heat Resistance • Low Compression Set • Low Density	• Low Friction • Low Specific Gravity • Specialty Grade • UV Resistant
Uses	• Automotive Applications • Automotive Exterior Parts • Automotive Window Encapsulation	• Coating Applications • Industrial Applications • Rubber Replacement	• Weatherstripping
RoHS Compliance	• RoHS Compliant		
Appearance	• Natural Color	• Opaque	
Forms	• Pellets		
Processing Method	• Coextrusion	• Extrusion	

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm³	ISO 1183
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Break)	1600	psi	ISO 37
Tensile Elongation (Break)	550	%	ISO 37
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness			ISO 868
Shore D, 1 sec, Injection Molded	46		
Shore D, 5 sec, Injection Molded	44		

Additional Information

Co-extrudes with good adhesion to TPE-S;
Co-extrudes with good adhesion to TPV:
Co-extrudes with good adhesion to EPDM

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Processing Information

Extrusion	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	3.0	hr
Cylinder Zone 1 Temp.	350 to 410	°F
Cylinder Zone 2 Temp.	360 to 420	°F
Cylinder Zone 3 Temp.	380 to 440	°F
Cylinder Zone 4 Temp.	380 to 440	°F
Cylinder Zone 5 Temp.	380 to 440	°F
Die Temperature	380 to 440	°F

Notes

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