

Sarlink® TPV X11059DB

Thermoplastic Vulcanizate

Teknor Apex Company

Message:

The Sarlink 11000 Series of slip coating materials offer extremely low coefficient of friction against glass, and can be co-extruded with TPE-S, TPE-V, and EPDM.

General Information			
Features	Good Chemical Resistance		
	Good UV Resistance		
	High Heat Resistance		
	Low Compression Set		
Uses	Automotive Exterior Parts		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 5 sec, Injection Molded)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	0.25		ASTM D1894
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D412
Across Flow : Break	24.0	MPa	
Flow : Break	28.0	MPa	
Tensile Elongation			ASTM D412
Across Flow : Break	99	%	
Flow : Break	30	%	
Tear Strength - Across Flow ²	94	kN/m	ASTM D624
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (200°C, 206 sec ⁻¹)	552	Pa · s	ASTM D3835
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	177 to 210	°C	
Cylinder Zone 2 Temp.	182 to 216	°C	
Cylinder Zone 3 Temp.	193 to 227	°C	
Cylinder Zone 5 Temp.	193 to 227	°C	
Die Temperature	193 to 227	°C	
NOTE			

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|----|-----------------------------|
| 1. | Die C |
| 2. | Method Ba, Angle (Unnicked) |

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Recommended distributors for this material

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