

Sarlink® TPV TM-80B

Thermoplastic Vulcanizate

Teknor Apex Company

Message:

A highly engineered Thermoplastic Material for us as an ultra-thin coextruded layer in demanding applications requiring, superior low friction and abrasion resistance properties. TM-80B is an UV stable grade possessing exceptional friction and abrasion performance. TM-80B is engineered to have outstanding adhesion to Sarlink TPV materials. Together these materials create effective system for vehicle sealing applications such as glass run channels, waist belts, auxiliary seals, and other profiles or articles.

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	0.970	g/cm ³	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 5 sec, Injection Molded)	66		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	700	MPa	ASTM D790
Coefficient of Friction	< 0.15		ASTM D1894
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (Break)	32.0	MPa	ASTM D412
Tensile Elongation - Across Flow (Break)	30	%	ASTM D412
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (200°C, 206 sec ⁻¹)	562	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	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT