

# Sarlink® TPV X10085B

Thermoplastic Vulcanizate

Teknor Apex Company

Message:

Sarlink 10000 Series are designed for low friction molding applications, requiring a low coefficient of friction against glass or painted steel.

General Information			
Features	Good Chemical Resistance		
	Good UV Resistance		
	High Heat Resistance		
	Low Compression Set		
Uses	Automotive Exterior Parts		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore A, 5 sec, Injection Molded)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	0.30 to 0.40		ASTM D1894
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain)	3.90	MPa	ASTM D412
Tensile Strength - Across Flow (Break)	7.60	MPa	ASTM D412
Tensile Elongation - Across Flow (Break)	540	%	ASTM D412
Injection	Nominal Value	Unit	
Rear Temperature	180 to 205	°C	
Middle Temperature	180 to 205	°C	
Front Temperature	180 to 205	°C	
Nozzle Temperature	185 to 210	°C	
Processing (Melt) Temp	185 to 210	°C	
Mold Temperature	10.0 to 55.0	°C	
Back Pressure	0.100 to 1.00	MPa	
Screw Speed	100 to 200	rpm	

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Recommended distributors for this material

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