

Sarlink® TPV X6185N

Thermoplastic Vulcanizate

Teknor Apex Company

Message:

Sarlink® TPV X6100 series are engineered materials designed for consumer, automotive, and industrial applications requiring superior colorability and elastic performance. Sarlink® TPV X6185N is a higher hardness, low density, multi-purpose thermoplastic vulcanizate that does not require pre-drying and can be processed by injection molding.

General Information			
Features	Low Specific Gravity		
	Low density		
	Workability, good		
	Good liquidity		
	Good coloring		
	Good adhesion		
	Good chemical resistance		
	High hardness		
	Elastic		
Uses	Industrial application		
	Application in Automobile Field		
	Car interior parts		
	Soft touch application		
	Rubber substitution		
	Consumer goods application field		
RoHS Compliance	RoHS compliance		
Appearance	Opacity		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.943	g/cm ³	ASTM D792, ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec, Injection Molded)	86		ASTM D2240, ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain)	4.50	MPa	ASTM D412, ISO 37
Tensile Strength - Across Flow (Break)	8.60	MPa	ASTM D412, ISO 37
Tensile Elongation - Across Flow (Break)	650	%	ASTM D412, ISO 37
Compression Set (70°C, 22 hr)	60	%	ASTM D395, ISO 815

Additional Information	Nominal Value	Unit	Test Method
Apparent Shear Viscosity - Capillary @ 206/s			
200°C	227	Pa·s	ASTM D3835
200°C	227	Pa·s	ISO 11443

Legal statement

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