# Sarlink® TPV X6185N

Thermoplastic Vulcanizate

# Teknor Apex Company

## **Technical Data**

## **Product Description**

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			
Material Status	<ul> <li>Commercial: Active</li> </ul>		
Literature <sup>1</sup>	<ul> <li>Technical Datasheet</li> </ul>		
Search for UL Yellow Card	<ul> <li>Teknor Apex Company</li> <li>Sarlink® TPV</li> </ul>		
Availability	<ul><li> Africa &amp; Middle East</li><li> Asia Pacific</li></ul>	<ul><li>Europe</li><li>Latin America</li></ul>	North America
Features	<ul><li>Chemical Resistant</li><li>Good Adhesion</li><li>Good Colorability</li></ul>	<ul><li>Good Flow</li><li>Good Processability</li><li>High Hardness</li></ul>	<ul><li>Low Density</li><li>Low Specific Gravity</li><li>Resilient</li></ul>
Uses	<ul><li>Automotive Applications</li><li>Automotive Interior Parts</li></ul>	<ul><li>Consumer Applications</li><li>Industrial Applications</li></ul>	<ul><li>Rubber Replacement</li><li>Soft Touch Applications</li></ul>
RoHS Compliance	<ul> <li>RoHS Compliant</li> </ul>		
Appearance	<ul> <li>Natural Color</li> </ul>	Opaque	
Forms	Pellets		

Physical	Nominal Value Unit	Test Method
Specific Gravity	0.943 g/cm <sup>3</sup>	ASTM D792 ISO 1183
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
Hardness	Nominal Value Unit	Test Method
Durometer Hardness		ASTM D2240
Shore A, 5 sec, Injection Molded	86	ISO 868
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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#### Notes

<sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

<sup>2</sup> Typical properties: these are not to be construed as specifications.

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