

Sarlink® TPV X6190N

Thermoplastic Vulcanizate

Teknor Apex Company

Message:

Sarlink® TPV X6190N is a Thermoplastic Vulcanizate (TPV) material. It is available in Asia Pacific, Europe, Latin America, or North America.

General Information			
Appearance	Opaque		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.954	g/cm ³	ASTM D792
--	0.956	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240, ISO 868
Shore A, 5 sec, Extruded	87		
Shore A, 5 sec, Injection Molded	91		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			
Across Flow : 100% Strain	5.50	MPa	ASTM D412, ISO 37
Flow : 100% Strain	8.07	MPa	ASTM D412
Flow : 100% Strain	8.10	MPa	ISO 37
Tensile Strength			
Across Flow : Break	10.5	MPa	ASTM D412, ISO 37
Flow : Break	9.72	MPa	ASTM D412
Flow : Break	9.70	MPa	ISO 37
Tensile Elongation			ASTM D412, ISO 37
Across Flow : Break	670	%	
Flow : Break	420	%	
Tear Strength			
Across Flow	59.5	kN/m	ASTM D624
-- ¹	59	kN/m	ISO 34-1
Compression Set			ASTM D395, ISO 815
23°C, 22 hr	42	%	
70°C, 22 hr	57	%	
125°C, 70 hr	86	%	
Additional Information	Nominal Value	Unit	Test Method
Apparent Shear Viscosity			
200°C	258	Pa · s	ISO 11443
Capillary : 200°C ²	258	Pa · s	ASTM D3835
NOTE			

1.	Method Ba, Angle (Unnicked)
2.	206 1/s

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