

Sarlink® TPV 6175N

Thermoplastic Vulcanizate

Teknor Apex Company

Message:

Sarlink® TPV 6175N 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			
--	0.924	g/cm ³	ASTM D792
--	0.926	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240, ISO 868
Shore A, 5 sec, Extruded	72		
Shore A, 5 sec, Injection Molded	76		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412, ISO 37
Across Flow : 100% Strain	3.20	MPa	
Flow : 100% Strain	4.30	MPa	
Tensile Strength			ASTM D412, ISO 37
Across Flow : Break	6.30	MPa	
Flow : Break	5.40	MPa	
Tensile Elongation			ASTM D412, ISO 37
Across Flow : Break	640	%	
Flow : Break	340	%	
Tear Strength			
Across Flow	33.3	kN/m	ASTM D624
-- ¹	33	kN/m	ISO 34-1
Compression Set			ASTM D395, ISO 815
23°C, 22 hr	33	%	
70°C, 22 hr	48	%	
125°C, 70 hr	70	%	
Additional Information	Nominal Value	Unit	Test Method
Apparent Shear Viscosity - Capillary @ 206/s			
200°C	196	Pa · s	ISO 11443
200°C	196	Pa · s	ASTM D3835
NOTE			
1.	Method Ba, Angle (Unnicked)		

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