

Sarlink® TPV 6145N

Thermoplastic Vulcanizate

Teknor Apex Company

Message:

Sarlink® TPV 6145N 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			
--	0.888	g/cm ³	ASTM D792
--	0.890	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240, ISO 868
Shore A, 5 sec, Extruded	42		
Shore A, 5 sec, Injection Molded	46		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412, ISO 37
Across Flow : 100% Strain	1.10	MPa	
Flow : 100% Strain	1.60	MPa	
Tensile Strength			ASTM D412, ISO 37
Across Flow : Break	3.70	MPa	
Flow : Break	3.10	MPa	
Tensile Elongation			ASTM D412, ISO 37
Across Flow : Break	610	%	
Flow : Break	400	%	
Tear Strength			
Across Flow	15.8	kN/m	ASTM D624
-- ¹	16	kN/m	ISO 34-1
Compression Set			ASTM D395, ISO 815
23°C, 22 hr	24	%	
70°C, 22 hr	33	%	
125°C, 70 hr	49	%	
Additional Information	Nominal Value	Unit	Test Method
Apparent Shear Viscosity - Capillary @ 206/s			
200°C	225	Pa · s	ISO 11443
200°C	225	Pa · s	ASTM D3835
NOTE			
1.	Method Ba, Angle (Unnicked)		

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