

Sarlink® TPV 6165N

Thermoplastic Vulcanizate

Teknor Apex Company

Message:

Sarlink® TPV 6165N 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			
--	0.910	g/cm ³	ASTM D792
--	0.912	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240, ISO 868
Shore A, 5 sec, Extruded	61		
Shore A, 5 sec, Injection Molded	65		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412, ISO 37
Across Flow : 100% Strain	2.20	MPa	
Flow : 100% Strain	3.10	MPa	
Tensile Strength			ASTM D412, ISO 37
Across Flow : Break	5.20	MPa	
Flow : Break	4.00	MPa	
Tensile Elongation			ASTM D412, ISO 37
Across Flow : Break	620	%	
Flow : Break	310	%	
Tear Strength			
Across Flow	24.5	kN/m	ASTM D624
-- ¹	24	kN/m	ISO 34-1
Compression Set			ASTM D395, ISO 815
23°C, 22 hr	28	%	
70°C, 22 hr	42	%	
125°C, 70 hr	63	%	
Additional Information	Nominal Value	Unit	Test Method
Apparent Shear Viscosity - Capillary @ 206/s			
200°C	211	Pa · s	ISO 11443
200°C	211	Pa · s	ASTM D3835
NOTE			
1.	Method Ba, Angle (Unnicked)		

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