


Sarlink® 6165N - Shore 65 A

TPV

Teknor Apex Co.

Product Texts

Property	Value	Unit	Standard
Hardness Shore (5 sec delay, Extruded sample)	61A	-	ISO 868
Hardness Shore (5 sec delay, Injection molded sample)	65A	-	ISO 868
Tensile strength at break (Cross direction)	5.2	MPa	ISO 37
Modulus at 100% elongation (Cross direction)	2.2	MPa	ISO 37
Elongation at break (Cross direction)	615	%	ISO 37
Compression set (70h/125°C)	63	%	ISO 815
Rheology (Apparent Shear Viscosity @ 206 1/s, 200°C)	211	Pa.s	ISO 11443 Capillary

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at 100% elongation	3.1	MPa	ISO 527-1/-2
Strain at break TPE	>300	%	ISO 527-1/-2
Stress at break TPE	4	MPa	ISO 527-1/-2
Compression Set under constant strain, 23°C	28	%	ISO 815
Compression Set under constant strain, 70°C	42	%	ISO 815
Tear strength	24.2	kN/m	ISO 34-1

Other properties	Value	Unit	Test Standard
ISO Data			
Density	912	kg/m³	ISO 1183

Characteristics

Processing	Features
Injection Molding	Low Fogging
Delivery form	Chemical Resistance
Natural Color	General Chemical Resistance
Special Characteristics	Applications
Heat stabilized or stable to heat	Automotive, Sports Equipment