


Sarlink® 6180N - Shore 84 A

TPV

Teknor Apex Co.

Product Texts

Property	Value	Unit	Standard
Hardness Shore (5 sec delay, Extruded sample)	80A	-	ISO 868
Hardness Shore (5 sec delay, Injection molded sample)	84A	-	ISO 868
Tensile strength at break (Cross direction)	8	MPa	ISO 37
Modulus at 100% elongation (Cross direction)	4.2	MPa	ISO 37
Elongation at break (Cross direction)	650	%	ISO 37
Compression set (70h/125°C)	81	%	ISO 815
Rheology (Apparent Shear Viscosity @ 206 1/s, 200°C)	212	Pa.s	ISO 11443 Capillary

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at 100% elongation	6	MPa	ISO 527-1/-2
Strain at break TPE	>300	%	ISO 527-1/-2
Stress at break TPE	7.3	MPa	ISO 527-1/-2
Compression Set under constant strain, 23°C	39	%	ISO 815
Compression Set under constant strain, 70°C	54	%	ISO 815
Tear strength	45.6	kN/m	ISO 34-1

Other properties	Value	Unit	Test Standard
ISO Data			
Density	937	kg/m³	ISO 1183

Characteristics
Processing

Injection Molding

Features

Low Fogging

Delivery form

Natural Color

Chemical Resistance

General Chemical Resistance

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, Sports Equipment