Sarlink® 3150 - Shore 56 A

TPV

Teknor Apex Co.

Product Texts

Property	Value	Unit	Standard
Hardness Shore (5 sec delay, Extruded sample)	54A	-	ISO 868
Hardness Shore (5 sec delay, Injection molded sample)	56A	-	ISO 868
Tensile strength at break (Cross direction)	5.1	MPa	ISO 37
Modulus at 100% elongation (Cross direction)	1.9	MPa	ISO 37
Elongation at break (Cross direction)	600	%	ISO 37
Compression set (70h/125°C)	52	%	ISO 815
Hot air aging (168h/150°C, Cross Direction)			ISO 188
Change in hardness	2	points	
Retention tensile strength at break	107	%	
Retention modulus at 100% elongation	105	%	
Retention elongation at break	108	%	
Hot air aging (1000h/135°C, Cross Direction)			ISO 188
Change in hardness	1	points	
Retention tensile strength at break	94	%	
Retention modulus at 100% elongation	107	%	
Retention elongation at break	93	%	
Volume swell (70h/125°C in IRM 903 oil)	130	%	ISO 1817
Rheology (Apparent Shear Viscosity @ 206 1/s, 200°C)	270	Pa.s	ISO 11443 Capillary

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at 100% elongation	3	MPa	ISO 527-1/-2
Strain at break TPE	240	%	ISO 527-1/-2
Stress at break TPE	4.1	MPa	ISO 527-1/-2
Compression Set under constant strain, 23°C	20	%	ISO 815
Compression Set under constant strain, 70°C	32	%	ISO 815
Tear strength	24	kN/m	ISO 34-1

Other properties	Value	Unit	Test Standard
ISO Data			
Density	950	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding, Other Extrusion, Blow Molding

Chemical Resistance

General Chemical Resistance