

Product Data Sheet

Sarlink® 6180N

Typical properties*	Test method	S.I.		U.S.	
		Typical value	Units	Typical value	Units
Density	ISO 1183	937	kg/m ³	937	kg/m ³
Hardness Shore (5 sec delay)	ISO 868	80A		80A	
Extruded sample		84A		84A	
Injection molded sample					
Tensile Properties	ISO 37				
<u>Flow direction</u>					
Tensile strength at break		7.3	MPa	1059	Psi
Modulus at 100% elongation		6.0	MPa	870	Psi
Elongation at break		385	%	385	%
<u>Cross direction</u>					
Tensile strength at break		8.0	MPa	1160	Psi
Modulus at 100% elongation		4.2	MPa	609	Psi
Elongation at break		650	%	650	%
Tear Strength	ISO 34B				
<u>Cross direction</u>					
Unnicked angle		45.6	kN/m	261	Pli
Compression set	ISO 815				
22h/23°C		39	%	39	%
22h/70°C		54	%	54	%
70h/125°C		81	%	81	%
Rheology	ISO 11443				
<u>Apparent Shear Viscosity</u>	Capillary				
@ 206 1/s, 200°C		212	Pa.s	212	Pa.s

* Tests are conducted on injection-molded plaques unless indicated otherwise.

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