

Product Data Sheet

Sarlink® 6175N

Typical properties*	Test method	S.I.		U.S.	
		Typical value	Units	Typical value	Units
Density	ISO 1183	926	kg/m ³	926	kg/m ³
Hardness Shore (5 sec delay)	ISO 868	72A		72A	
Extruded sample		76A		76A	
Injection molded sample					
Tensile Properties	ISO 37				
<u>Flow direction</u>					
Tensile strength at break		5.4	MPa	783	Psi
Modulus at 100% elongation		4.3	MPa	624	Psi
Elongation at break		336	%	336	%
<u>Cross direction</u>					
Tensile strength at break		6.3	MPa	914	Psi
Modulus at 100% elongation		3.2	MPa	464	Psi
Elongation at break		641	%	641	%
Tear Strength	ISO 34B				
<u>Cross direction</u>					
Unnicked angle		33.2	kN/m	190	Pli
Compression set	ISO 815				
22h/23 C		33	%	33	%
22h/70 C		48	%	48	%
70h/125 C		70	%	70	%
Rheology	ISO 11443				
<u>Apparent Shear Viscosity</u>	Capillary	196	Pa.s	196	Pa.s
@ 206 1/s, 200 C					

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