

Product Data Sheet

Sarlink® 6145N

Typical properties*	Test method	S.I.		U.S.	
		Typical value	Units	Typical value	Units
Density	ISO 1183	890	kg/m ³	890	kg/m ³
Hardness Shore (5 sec delay)	ISO 868	42A		42A	
Extruded sample		46A		46A	
Injection molded sample					
Tensile Properties	ISO 37				
<u>Flow direction</u>					
Tensile strength at break		3.1	MPa	450	Psi
Modulus at 100% elongation		1.6	MPa	232	Psi
Elongation at break		396	%	396	%
<u>Cross direction</u>					
Tensile strength at break		3.7	MPa	537	Psi
Modulus at 100% elongation		1.1	MPa	160	Psi
Elongation at break		612	%	612	%
Tear Strength	ISO 34B				
<u>Cross direction</u>					
Unnicked angle		15.7	kN/m	89.7	Pli
Compression set	ISO 815				
22h/23 C		24	%	24	%
22h/70 C		33	%	33	%
70h/125 C		49	%	49	%
Rheology	ISO 11443				
<u>Apparent Shear Viscosity</u>	Capillary	225	Pa.s	225	Pa.s
@ 206 1/s, 200 C					

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