

# Product Data Sheet

## Sarlink® 3160

Typical properties*	Test method	S.I.		U.S.	
		Typical value	Units	Typical value	Units
Density	ISO 1183	950	kg/m <sup>3</sup>	950	kg/m <sup>3</sup>
Hardness Shore (5 sec delay) Extruded sample Injection molded sample	ISO 868	62A 65A		62A 65A	
<b>Tensile Properties</b> <u>Flow direction</u> Tensile strength at break Modulus at 100% elongation Elongation at break <u>Cross direction</u> Tensile strength at break Modulus at 100% elongation Elongation at break	ISO 37	5.4 3.8 270 6.3 2.5 640	MPa MPa % MPa MPa %	783 551 270 914 363 640	Psi Psi % Psi Psi %
<b>Tear Strength</b> <u>Cross direction</u> Unnicked angle	ISO 34B	32	kN/m	183	Pli
<b>Compression set</b> 22h/23 C 22h/70 C 70h/125 C	ISO 815	23 34 55	% % %	23 34 55	% % %
<b>Hot air aging</b> <u>168h/150°C, Cross Direction</u> Change in hardness Retention tensile strength at break Retention modulus at 100% elongation Retention elongation at break <u>1000h/135°C, Cross Direction</u> Change in hardness Retention tensile strength at break Retention modulus at 100% elongation Retention elongation at break	ISO 188	3 99 107 89 2 96 103 95	points % % % points % % %	3 99 107 89 2 96 103 95	points % % % points % % %
<b>Volume swell</b> 70h/125°C in IRM 903 oil	ISO 1817	120	%	120	%
<b>Rheology</b> <u>Apparent Shear Viscosity</u> @ 206 1/s, 200 C	ISO 11443 Capillary	310	Pa.s	310	Pa.s

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