

# Product Data Sheet

## Sarlink® 3140

Typical properties*	Test method	S.I.		U.S.	
		Typical value	Units	Typical value	Units
Density	ISO 1183	930	kg/m <sup>3</sup>	930	kg/m <sup>3</sup>
Hardness Shore (5 sec delay) Extruded sample Injection molded sample	ISO 868	41A 46A		41A 46A	
<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	2.5 2.5 210 4.4 1.2 600	MPa MPa % MPa MPa %	363 363 210 638 174 600	Psi Psi % Psi Psi %
<b>Tear Strength</b> <u>Cross direction</u> Unnicked angle	ISO 34B	16	kN/m	91	Pli
<b>Compression set</b> 22h/23 C 22h/70 C 70h/125 C	ISO 815	18 31 52	% % %	18 31 52	% % %
<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	1 111 106 107 -1 112 105 112	points % % % points % % %	1 111 106 107 -1 112 105 112	points % % % points % % %
<b>Volume swell</b> 70h/125°C in IRM 903 oil	ISO 1817	135	%	135	%
<b>Rheology</b> <u>Apparent Shear Viscosity</u> @ 206 1/s, 200 C	ISO 11443 Capillary	270	Pa.s	270	Pa.s

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