

Product Data Sheet

Sarlink® **3150**

Typical properties*	Test method	S.I.		U.S.	
		Typical value	Units	Typical value	Units
Density	ISO 1183	950	kg/m ³	950	kg/m ³
Hardness Shore (5 sec delay)	ISO 868				
Extruded sample		54A		54A	
Injection molded sample		56A		56A	
Tensile Properties	ISO 37				
<u>Flow direction</u>					
Tensile strength at break		4.1	MPa	595	Psi
Modulus at 100% elongation		3.0	MPa	435	Psi
Elongation at break		240	%	240	%
<u>Cross direction</u>					
Tensile strength at break		5.1	MPa	740	Psi
Modulus at 100% elongation		1.9	MPa	276	Psi
Elongation at break		600	%	600	%
Tear Strength	ISO 34B				
<u>Cross direction</u>					
Unnicked angle		24	kN/m	137	Pli
Compression set	ISO 815				
22h/23°C		20	%	20	%
22h/70°C		32	%	32	%
70h/125°C		52	%	52	%
Hot air aging	ISO 188				
<u>168h/150°C, Cross Direction</u>					
Change in hardness		2	points	2	points
Retention tensile strength at break		107	%	107	%
Retention modulus at 100% elongation		105	%	105	%
Retention elongation at break		108	%	108	%
<u>1000h/135°C, Cross Direction</u>					
Change in hardness		1	points	1	points
Retention tensile strength at break		94	%	94	%
Retention modulus at 100% elongation		107	%	107	%
Retention elongation at break		93	%	93	%
Volume swell	ISO 1817				
70h/125°C in IRM 903 oil		130	%	130	%
Rheology	ISO 11443				
<u>Apparent Shear Viscosity</u>					
@ 206 1/s, 200°C	Capillary	270	Pa.s	270	Pa.s

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

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