

Product Data Sheet

Sarlink® 5765B4

Typical properties*	Test method	S.I.		U.S.	
		Typical value	Units	Typical value	Units
Density	ISO 1183	970	kg/m ³	970	kg/m ³
Hardness Shore (5 sec delay)	ISO 868	65A		65A	
Extruded sample		68A		68A	
Injection molded sample					
Tensile Properties	ISO 37				
<u>Flow direction</u>					
Tensile strength at break		6.3	MPa	914	Psi
Modulus at 100% elongation		4.2	MPa	609	Psi
Elongation at break		320	%	320	%
<u>Cross direction</u>					
Tensile strength at break		7.1	MPa	1030	Psi
Modulus at 100% elongation		2.7	MPa	392	Psi
Elongation at break		570	%	570	%
Tear Strength	ISO 34B				
<u>Cross direction</u>					
Unnicked angle		29	kN/m	166	Pli
Compression set	ISO 815				
22h/23°C		21	%	21	%
22h/70°C		30	%	30	%
70h/125°C		44	%	44	%
Hot air aging	ISO 188				
<u>168h/150°C, Cross Direction</u>					
Change in hardness		1	points	1	points
Retention tensile strength at break		87	%	87	%
Retention modulus at 100% elongation		96	%	96	%
Retention elongation at break		95	%	95	%
<u>1000h/135°C, Cross Direction</u>					
Change in hardness		2	points	2	points
Retention tensile strength at break		93	%	93	%
Retention modulus at 100% elongation		105	%	105	%
Retention elongation at break		98	%	98	%
Volume swell	ISO 1817				
70h/125°C in IRM 903 oil		91	%	91	%
Rheology	ISO 11443				
<u>Apparent Shear Viscosity</u>					
@ 206 1/s, 200°C	Capillary	340	Pa.s	340	Pa.s

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

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