

Product Data Sheet

Sarlink® 5775B4

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	72A		72A	
Extruded sample		75A		75A	
Injection molded sample					
Tensile Properties	ISO 37				
<u>Flow direction</u>					
Tensile strength at break		7.3	MPa	1059	Psi
Modulus at 100% elongation		4.9	MPa	711	Psi
Elongation at break		340	%	340	%
<u>Cross direction</u>					
Tensile strength at break		8.5	MPa	1233	Psi
Modulus at 100% elongation		3.2	MPa	464	Psi
Elongation at break		590	%	590	%
Tear Strength	ISO 34B				
<u>Cross direction</u>					
Unnicked angle		35	kN/m	200	Pli
Compression set	ISO 815				
22h/23°C		23	%	23	%
22h/70°C		32	%	32	%
70h/125°C		47	%	47	%
Hot air aging	ISO 188				
<u>168h/150°C, Cross Direction</u>					
Change in hardness		2	points	2	points
Retention tensile strength at break		90	%	90	%
Retention modulus at 100% elongation		102	%	102	%
Retention elongation at break		89	%	89	%
<u>1000h/135°C, Cross Direction</u>					
Change in hardness		3	points	3	points
Retention tensile strength at break		92	%	92	%
Retention modulus at 100% elongation		104	%	104	%
Retention elongation at break		93	%	93	%
Volume swell	ISO 1817				
70h/125°C in IRM 903 oil		88	%	88	%
Rheology	ISO 11443				
<u>Apparent Shear Viscosity</u>					
@ 206 1/s, 200°C	Capillary	330	Pa.s	330	Pa.s

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

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