

Product Data Sheet

Sarlink® **4155**

Typical properties*	Test method	S.I.		U.S.	
		Typical value	Units	Typical value	Units
Density	ISO 1183	960	kg/m ³	960	kg/m ³
Hardness Shore (5 sec delay)	ISO 868	53A		53A	
Extruded sample		56A		56A	
Injection molded sample					
Tensile Properties	ISO 37				
<u>Flow direction</u>					
Tensile strength at break		4.3	MPa	624	Psi
Modulus at 100% elongation		3.1	MPa	450	Psi
Elongation at break		240	%	240	%
<u>Cross direction</u>					
Tensile strength at break		5.2	MPa	754	Psi
Modulus at 100% elongation		2.0	MPa	290	Psi
Elongation at break		550	%	550	%
Tear Strength	ISO 34B				
<u>Cross direction</u>					
Unnicked angle		22	kN/m	126	Pli
Compression set	ISO 815				
22h/23°C		14	%	14	%
22h/70°C		26	%	26	%
70h/125°C		37	%	37	%
Hot air aging	ISO 188				
<u>168h/150°C, Cross Direction</u>					
Change in hardness		2	points	2	points
Retention tensile strength at break		91	%	91	%
Retention modulus at 100% elongation		98	%	98	%
Retention elongation at break		94	%	94	%
<u>1000h/135°C, Cross Direction</u>					
Change in hardness		2	points	2	points
Retention tensile strength at break		95	%	95	%
Retention modulus at 100% elongation		102	%	102	%
Retention elongation at break		101	%	101	%
Volume swell	ISO 1817				
70h/125°C in IRM 903 oil		85	%	85	%
Rheology	ISO 11443				
<u>Apparent Shear Viscosity</u>					
@ 206 1/s, 200°C	Capillary	320	Pa.s	320	Pa.s

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

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