

Product Data Sheet

Sarlink® 6175N

Typical properties*	Test method	S.I.		U.S.	
		Typical value	Units	Typical value	Units
Density	ISO 1183	926	kg/m ³	926	kg/m ³
Hardness Shore (5 sec delay)	ISO 868	72A		72A	
Extruded sample		76A		76A	
Injection molded sample					
Tensile Properties	ISO 37				
<u>Flow direction</u>					
Tensile strength at break		5.4	MPa	783	Psi
Modulus at 100% elongation		4.3	MPa	624	Psi
Elongation at break		336	%	336	%
<u>Cross direction</u>					
Tensile strength at break		6.3	MPa	914	Psi
Modulus at 100% elongation		3.2	MPa	464	Psi
Elongation at break		641	%	641	%
Tear Strength	ISO 34B				
<u>Cross direction</u>					
Unnicked angle		33.2	kN/m	190	Pli
Compression set	ISO 815				
22h/23°C		33	%	33	%
22h/70°C		48	%	48	%
70h/125°C		70	%	70	%
Rheology	ISO 11443				
<u>Apparent Shear Viscosity</u>	Capillary				
@ 206 1/s, 200°C		196	Pa.s	196	Pa.s

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

All information supplied by or on behalf of DSM in relation to its products, whether in nature of data, recommendations or otherwise, is supported by research and believed reliable, but DSM assumes no liability whatsoever in respect of application, processing or use made of the aforementioned information or products, or any consequence thereof. The buyer undertakes all liability in respect of the application, processing or use of the aforementioned information or products, whose quality and other properties he shall verify, or any consequence thereof. No liability whatsoever shall attach to DSM for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or use of the aforementioned information or products by the buyer.