Product Data Sheet

Sarlink® 6180N

Typical properties*	Test method	S.I.		U.S.	
		Typical value	Units	Typical value	Units
Density	ISO 1183	937	kg/m^3	937	kg/m^3
Hardness Shore (5 sec delay)	ISO 868				
Extruded sample		80A		80A	
Injection molded sample		84A		84A	
Tensile Properties	ISO 37				
Flow direction					
Tensile strength at break		7.3	MPa	1059	Psi
Modulus at 100% elongation		6.0	MPa	870	Psi
Elongation at break		385	%	385	%
Cross direction					
Tensile strength at break		8.0	MPa	1160	Psi
Modulus at 100% elongation		4.2	MPa	609	Psi
Elongation at break		650	%	650	%
Tear Strength	ISO 34B				
Cross direction					
Unnicked angle		45.6	kN/m	261	Pli
Compression set	ISO 815				
22h/23°C		39	%	39	%
22h/70°C		54	%	54	%
70h/125°C		81	%	81	%
Rheology	ISO 11443				
Apparent Shear Viscosity @ 206 1/s, 200°C	Capillary	212	Pa.s	212	Pa.s

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

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