

Product Data Sheet

Sarlink® 5750DB

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) Extruded sample Injection molded sample	ISO 868	49D 52D		49D 52D	
Tensile Properties <u>Flow direction</u> Tensile strength at break Modulus at 100% elongation Elongation at break <u>Cross direction</u> Tensile strength at break Modulus at 100% elongation Elongation at break	ISO 37	21.5 18.0 490 23.0 13.1 640	MPa MPa % MPa MPa %	3118 2611 490 3336 1900 640	Psi Psi % Psi Psi %
Tear Strength <u>Cross direction</u> Unnicked angle	ISO 34B	141	kN/m	805	Pli
Compression set 22h/23 °C 22h/70 °C 70h/125 °C	ISO 815	55 67 85	% % %	55 67 85	% % %
Hot air aging <u>168h/150 °C, Cross Direction</u> Change in hardness Retention tensile strength at break Retention modulus at 100% elongation Retention elongation at break <u>1000h/135 °C, Cross Direction</u> Change in hardness Retention tensile strength at break Retention modulus at 100% elongation Retention elongation at break	ISO 188	3 84 115 75 4 80 124 70	points % % % points % % %	3 84 115 75 4 80 124 70	points % % % points % % %
Volume swell 70h/125°C in IRM 903 oil	ISO 1817	38	%	38	%
Rheology <u>Apparent Shear Viscosity</u> @ 206 1/s, 200 °C	ISO 11443 Capillary	430	Pa.s	430	Pa.s

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

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