

Product Data Sheet

Sarlink® 3135

Typical properties*	Test method	S.I.		U.S.	
		Typical value	Units	Typical value	Units
Density	ISO 1183	930	kg/m ³	930	kg/m ³
Hardness Shore (5 sec delay) Extruded sample Injection molded sample	ISO 868	38A 43A		38A 43A	
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	2.2 2.1 200 4.0 1.1 600	MPa MPa % MPa MPa %	319 305 200 580 160 600	Psi Psi % Psi Psi %
Tear Strength <u>Cross direction</u> Unnicked angle	ISO 34B	15	kN/m	86	Pli
Compression set 22h/23°C 22h/70°C 70h/125°C	ISO 815	15 30 52	% % %	15 30 52	% % %
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	1 104 111 101 -1 100 104 98	points % % % points % % %	1 104 111 101 -1 100 104 98	points % % % points % % %
Volume swell 70h/125°C in IRM 903 oil	ISO 1817	150	%	150	%
Rheology <u>Apparent Shear Viscosity</u> @ 206 1/s, 200°C	ISO 11443 Capillary	270	Pa.s	270	Pa.s

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