

	METRIC	IMPERIAL
Specific gravity	1.17 - 1.25	
Melting point	112°C	234°F
Hardness (Shore D)	40	
Ultimate tensile strength	41 MPa	5947 psi
Tensile modulus	54 MPa	7832 psi
Flexural modulus	49 MPa	7107 psi
Compression modulus	51 MPa	7397 psi
Elongation at break	800%	
Deformation at 6.8 MPa / 986 psi	12%	
Deformation at 10 MPa / 1450 psi	20%	
Compression set at 9 MPa, 23°C / 1305 psi, 73°F	11%	
Compression set at 70°C / 158°F , 25% deflection	60%	
Tensile set at 100% strain	18%	
Stress at 10% strain	4.6 MPa	667 psi
Tear strength - split Die B Die C	3 MPa	435 psi
	11 MPa	1595 psi
	12 MPa	1740 psi
Notched impact resistance IZOD at 24°C / 75°F -40°C / -40°F	108.8 kg. -m./m.	
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Solenoid brittle point	- 70 °C	- 94 °F
Resilience Bashore	62%	
Coefficient of linear expansion	6 x 10 <sup>-5</sup> C <sup>-1</sup>	
Water absorption	0.6%	
Heat resistance - 2 weeks in air modulus change	121 °C	250 °F
	+6%	
Abrasion Resistance - Tabar, H-18 wheel, 1000g load NBS	100 mg/1,000 cycles	
	800% of standard	
Solvert Resistance (7 days at 100°C / 212°F) ASTM oil no.3 modulus change volume change	0%	
	+23%	

The above data should be taken for indicative purposes. Physical properties may be altered to some extent by processing conditions.