

ECO-FLEX™ RTPV

Technical Data Sheet

SA-40D

Property	Test Method	Unit	Typical Properties
Specific Gravity	ISO 1183, Method A		.97
Hardness	ISO 868, 15 sec delay	Shore D	40
Tensile Strength	ISO 37, Type 1, 50mm/min	MPa (psi)	9.8 (1425)
Elongation at Break	ISO 37, Type 1, 50mm/min	%	450
100% Modulus	ISO 37, Type 1, 50mm/min	MPa (psi)	8.5 (1230)
Tear Strength	ISO 34-1, Method B, Procedure b, 50mm/min	kN/m (pli)	62 (350)
Low Temperature Brittleness @ -40°C	ISO 812, Procedure A	Pass/Fail	Pass
Ozone Resistance	ISO 1431-1, Procedure A, 51 MPa, 20% Elongation	No Cracking	Pass
Flammability Resistance	SAE J369	mm/min	27
Heat Aging Resistance	ISO 188, 1008 Hours at 100°C in an air circulating oven followed by indicated property testing at 23°C		
Hardness Change		%	+1
Tensile Strength Change		%	-3
Elongation Change		%	-19

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SYNESIS

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