

ECO-FLEX™ RTPV

Technical Data Sheet

SA-55A

Property	Test Method	Unit	Typical Properties
Specific Gravity	ISO 1183, Method A		1.03
Hardness	ISO 868, 15 sec delay	Shore A	55
Tensile Strength	ISO 37, Type 1, 50mm/min	MPa (psi)	2.8 (400)
Elongation at Break	ISO 37, Type 1, 50mm/min	%	440
100% Modulus	ISO 37, Type 1, 50mm/min	MPa (psi)	1.7 (250)
Tear Strength	ISO 34-1, Method B, Procedure b, 50mm/min	kN/m (pli)	17 (98)
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	44
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		%	+2
Tensile Strength Change		%	+8
Elongation Change		%	+8

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SYNESIS

14555 Eby Rd. • Creston, OH 44217, USA • Phone: 330-769-4826 • Fax: 330-769-3850 • Email: info@ecoflexrtpv.com