AU 367 Sealing Solutions

Compound No./Material Name:	Rubber Classification:	Service Temperature Range:	Color:
AU 367	AU	−50°F to 225°F (−46°C to 107°C)	Black

Description (ASTM Standard)		Typical
Original Properties		
Specific Gravity (D297)		1.30
Hardness, Shore A, Points (D2240)		75
Tensile Strength @ Break, psi [MPa] (D412)		4,500 [31.0]
Elongation, % (D412)		382
Modulus @ 100% Elongation, psi [MPa] (D412)		700 [4.8]
TR-10/50, °F [°C] (D1329)		−32 [−36]
Air Aging		
70 Hours @ 212°F [100°C]	Hardness Change, Points (D573)	+2
	Tensile Change, % (D573)	−14
	Elongation Change, % (D573)	−5
Fluid Aging		
70 Hours @ 212°F [100°C], in ASTM Oil #1	Hardness Change, Points (D471)	−1
	Tensile Change, % (D471)	−14
	Elongation Change, % (D471)	−5
	Volume Change, % (D471)	0
70 Hours @ 212°F [100°C], in ASTM Oil #3	Hardness Change, Points (D471)	−3
	Tensile Change, % (D471)	−18
	Elongation Change, % (D471)	−6
	Volume Change, % (D471)	+4.6
70 Hours @ 158°F [70°C], in Distilled Water	Hardness Change, Points (D471)	−3
	Tensile Change, % (D471)	−14
	Elongation Change, % (D471)	0
	Volume Change, % (D471)	+4
7 Days @ 158°F [70°C], in Distilled Water	Hardness Change, Points (D471)	−5
	Tensile Change, % (D471)	−11
	Elongation Change, % (D471)	+7
	Volume Change, % (D471)	+5
Compression Set @ 25% Deflection		
22 Hours @ 158°F [70°C], in Air, % of Original Deflection (D395)		7
70 Hours @ 158°F [70°C], in Air, % of Original Deflection (D395)		14

Notes:
1. Specification: Greene Tweed.
2. Unless otherwise noted, all tests performed on ASTM slabs and buttons.

Contact Us

Greene Tweed
Kulpsville, PA, USA

Tel: +1.215.256.9521
Fax: +1.215.256.0189