

AU 369 Sealing Solutions

Compound No./Material Name:	Rubber Classification:	Service Temperature Range:	Color:
AU 369	AU	-50°F to 225°F (-46°C to 107°C)	Black

Description (ASTM Standard)		Typical
Original Properties		
Specific Gravity (D297)		1.34
Hardness, Shore A, Points (D2240)		90
Tensile Strength, psi [MPa] (D412)		4,250 [29.3]
Elongation, % (D412)		205
Modulus @ 100% Elongation, psi [MPa] (D412)		2,200 [15.2]
Tear Strength, Die C, lb/in. [kg/cm] (D624)		289 [131]
TR 10/50, °F [°C] (D1329)		-24 [-31]
Air Aging		
70 Hours @ 212°F [100°C]	Hardness Change, Points (D573)	-1
	Tensile Change, % (D573)	-4
	Elongation Change, % (D573)	-10
Fluid Aging		
70 Hours @ 212°F [100°C], in ASTM Oil #1	Hardness Change, Points (D471)	-1
	Tensile Change, % (D471)	-5.5
	Elongation Change, % (D471)	-4.5
	Volume Change, % (D471)	0
70 Hours @ 212°F [100°C], in ASTM Oil #3	Hardness Change, Points (D471)	-3
	Tensile Change, % (D471)	-6
	Elongation Change, % (D471)	+2
	Volume Change, % (D471)	+4
70 Hours @ 158°F [70°C], in Distilled Water	Hardness Change, Points (D471)	-4
	Tensile Change, % (D471)	-26
	Elongation Change, % (D471)	-7
	Volume Change, % (D471)	+4.5

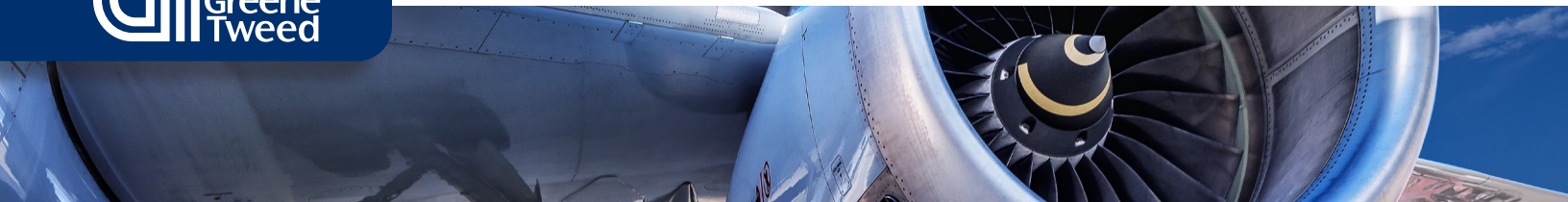
Contact Us

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04/19-GT TPS-US-AS-010



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AU 369	AU	-50°F to 225°F (-46°C to 107°C)	Black

Description		Typical
Fluid Aging (continued)		
168 Hours @ 158°F [70°C], in Mobilgear 629	Hardness Change, Points (D471)	-1
	Tensile Change, % (D471)	-10
	Elongation Change, % (D471)	+6
	Volume Change, % (D471)	+0.07
168 Hours @ 158°F [70°C], in Mobilgear SHC 629	Hardness Change, Points (D471)	-2
	Tensile Change, % (D471)	-13
	Elongation Change, % (D471)	-1
	Volume Change, % (D471)	+1.61
Compression Set @ 25% Deflection		
70 Hours @ 158°F [70°C], in Air, % Original Deflection (D395)		11.5

Notes:

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

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