

**TYPICAL PROPERTIES OF
Visco-cel® V0533**

POLYMER

POLYURETHANE

FLAMMABILITY

FMVSS-302.....	PASS (.063" OR THICKER) ¹
FAR 25.853 (a) APPENDIX F PART I (a) (1) (ii)	PASS (TESTED AT .500") ²
CAL 117.....	PASS

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
DENSITY	ASTM D3574	lb/ft ³ kg/m ³	4 - 7 64 - 112
INDENTION FORCE DEFLECTION @ 25% ³	ASTM D3574	lbs Newtons	28 - 38 125 - 169
TENSILE STRENGTH ⁵	ASTM D3574	psi kPa	40 (MIN) 276 (MIN)
ELONGATION ⁵	ASTM D3574	%	250 (MIN)
TEAR RESISTANCE	ASTM D624	lb/in kN/m	5 (MIN) .88 (MIN)
COMPRESSION SET ⁴	ASTM D1056	%	3 (MAX)
COMPRESSION SET	ASTM D3574	%	5 (MAX)
RESILIENCY BALL REBOUND	ASTM D2632	%	6
COLOR	N/A	N/A	LIGHT BLUE

¹ Submit request for any thickness below .063".

² The Federal Aviation Administration requires certified, lot number specific testing. Call for more details.

³ Sample size deviation of 2" x 12" x 12".

⁴ Compression Set performed at 73.4 +/- 3.6 deg F, compressed 50% for 22 hrs, 24 hr recovery

⁵ Tested at .125" thickness, alternative thickness data available upon request

This information is furnished as a guide for selecting materials. Rubberlite Inc. disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

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