

TYPICAL PROPERTIES OF  
**Visco-cel® V0542**

POLYMER

POLYURETHANE

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
DENSITY	ASTM D3574	lb/ft <sup>3</sup> kg/m <sup>3</sup>	4 - 7 64 - 112
IFD 25 % <sup>1</sup>	ASTM D3574	lbs Newtons	37 - 47 165 - 209
CFD @ 25% (Typical)	ASTM D3574	psi kPa	.71 4.9
TENSILE STRENGTH <sup>3</sup> (Typical)	ASTM D3574	psi kPa	45 310
ELONGATION <sup>3</sup> (Typical)	ASTM D3574	%	240
TEAR RESISTANCE (Typical)	ASTM D624	lb/in kN/m	5 .87
COMPRESSION SET <sup>2</sup>	ASTM D1056	%	3 (MAX)
COMPRESSION SET	ASTM D3574	%	10 (MAX)
COLOR	N/A	N/A	GREEN

FLAMMABILITY SPECIFICATIONS
FMVSS-302.....Pass @ .078" or Thicker
ADDITIONAL INFORMATION
Service Temperature..... -67 °F to + 250 °F
Notes
<sup>1</sup> Sample size deviation of 2" x 12" x 12". <sup>2</sup> Test performed at 73.4 +/- 3.6 deg F, compressed 50% for 22 hrs, 24 hr recovery. <sup>3</sup> Tested at .125" thickness, alternative thickness data available upon request.

For updates to this document, please refer to our website or contact customer service.

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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