

TYPICAL PROPERTIES OF  
**HyPUR-cel® S1005**

**POLYMER**

**POLYURETHANE**

**FLAMMABILITY**  
FMVSS-302

(TESTED AT .500") PASS

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
DENSITY	ASTM D3574	lb/ft <sup>3</sup> kg/m <sup>3</sup>	8 - 12 128 - 192
TENSILE STRENGTH <sup>2</sup>	ASTM D3574	psi kPa	100 (MIN) 689 (MIN)
ELONGATION <sup>2</sup>	ASTM D3574	%	250 (MIN)
TEAR STRENGTH	ASTM D624	lb/in kN/m	15 (MIN) 2.6 (MIN)
COMPRESSION SET <sup>1</sup>	ASTM D1056	%	5 (MAX)
COMPRESSION FORCE DEFLECTION 25%	ASTM D3574	psi kPa	2 - 6 13.8 - 41.4
COMPRESSION DEFLECTION @ 25%	ASTM D1056	psi kPa	3 - 7 20.7 - 48.3
COLOR	N/A	N/A	BLACK

<sup>1</sup> Compression Set performed at 73.4 +/- 3.6 deg F, compressed 50% for 22 hrs, 24 hr recovery

<sup>2</sup> 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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