

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

POLYMER

POLYURETHANE

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
COMPRESSION DEFLECTION @25%	ASTM D1056	psi kPa	3 - 7 20.7 - 48.3
TENSILE STRENGTH <sup>2</sup> (MIN)	ASTM D3574	psi kPa	100 689
ELONGATION <sup>2</sup> (MIN)	ASTM D3574	%	250
TEAR RESISTANCE (MIN)	ASTM D624	lb/in kN/m	15 2.6
COMPRESSION SET <sup>1</sup>	ASTM D1056	%	5 (MAX)
CFD @ 25% Typical	ASTM D3574	psi kPa	3.65 25.1
COLOR	N/A	N/A	BLACK

FLAMMABILITY SPECIFICATIONS
FMVSS-302.....Pass @ .125" or Thicker
ADDITIONAL INFORMATION
Service Temperature..... -67°F to + 250 °F
Notes
<sup>1</sup> Test 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.

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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