

TYPICAL PROPERTIES OF
HyPUR-cel[®] I-1815AM

POLYMER

POLYURETHANE

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
DENSITY	ASTM D3574	lb/ft ³ kg/m ³	15 - 21 240.2 – 336.4
COMPRESSION DEFLECTION @25%	ASTM D1056	psi kPa	12 – 18 82.7 – 124.1
TENSILE STRENGTH ² Typical	ASTM D3574	psi kPa	115 792.8
ELONGATION ² Typical	ASTM D3574	%	130
TEAR RESISTANCE Typical	ASTM D624	lb/in kN/m	13.4 2.34
COMPRESSION SET ¹	ASTM D1056	%	3 (MAX)
COMPRESSION SET	ASTM D3574	%	5 (MAX)
CFD @ 25% Typical	ASTM D3574	psi kPa	12 82.7
COLOR	N/A	N/A	BLUE

FLAMMABILITY SPECIFICATIONS
FMVSS-302.....Pass @ .063" or Thicker
ADDITIONAL INFORMATION
Service Temperature..... –40°F to + 250 °F
Notes
¹ Test performed at 73.4 +/- 3.6 deg F, compressed 50% for 22 hrs, 24 hr recovery. ² 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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