

TYPICAL PROPERTIES OF  
**HyPUR-cel® H1312FR**

POLYMER

POLYURETHANE

FLAMMABILITY

FMVSS-302

PASS (.063" OR THICKER)<sup>1</sup>

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
DENSITY	ASTM D 3574	lb/ft <sup>3</sup> kg/m <sup>3</sup>	11 - 15 176 - 240
HARDNESS	ASTM D2240	SHORE O	24
TENSILE STRENGTH	ASTM D3574	psi kPa	70 (MIN) 483 (MIN)
ELONGATION	ASTM D3574	%	90 (MIN)
TEAR STRENGTH	ASTM D624	lb/in kN/m	7 (MIN) 1.2 (MIN)
COMPRESSION SET 50% - 22 HRS @ 73°F	ASTM D1056	%	3 (MAX)
COMPRESSION SET 50% - 22 HRS @ 158°F	ASTM D3574	%	10 (MAX)
COMPRESSION FORCE DEFLECTION 25%	ASTM D3574	psi kPa	4 - 8 27.6 - 55.2
COMPRESSION DEFLECTION @ 25%	ASTM D1056	psi kPa	9 - 15 62.1 - 103.4
DIELECTRIC STRENGTH	ASTM D149	VOLTS/MIL	56
DIELECTRIC CONSTANT	ASTM D150	K'	1.40
DISSIPATION FACTOR	ASTM D150	D	.025
TEMPERATURE RANGE	UL50 & UL508	°F °C	-40 TO +221 -40 TO +105
COLOR	N/A	N/A	BLACK

<sup>1</sup> Submit request for any thickness below .063".

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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