Rubberlite Incorporated

HyPUR-cel® by Rubberlite

TYPICAL PROPERTIES OF

# HyPUR-cel® H1308

**POLYMER** POLYURETHANE

**FLAMMABILITY**
FMVSS-302 PASS (.063" OR THICKER)[1]

| PHYSICAL PROPERTY | TEST METHOD | UNIT OF MEASURE | RESULT |
|---|---|---|---|
| DENSITY | ASTM D3574 | $lb/ft^3$<br>$kg/m^3$ | 11 - 15<br>176 - 240 |
| TENSILE STRENGTH [3] | ASTM D3574 | psi<br>kPa | 55 (MIN)<br>379 (MIN) |
| ELONGATION [3] | ASTM D3574 | % | 100 (MIN) |
| TEAR STRENGTH | ASTM D624 | lb/in<br>kN/m | 5 (MIN)<br>.88 (MIN) |
| COMPRESSION SET [2] | ASTM D1056 | % | 3 (MAX) |
| COMPRESSION SET | ASTM D3574 | % | 5 (MAX) |
| COMPRESSION FORCE DEFLECTION 25% | ASTM D3574 | psi<br>kPa | 2 - 6<br>13.8 - 41.4 |
| COMPRESSION DEFLECTION @ 25% | ASTM D1056 | psi<br>kPa | 5.5 - 10.5<br>37.9 - 72.4 |
| DUROMETER SHORE O | ASTM D2240 | N/A | 12 (AVG) |
| COLOR | N/A | N/A | GREEN<br>BLACK |

[1] Submit request for any thickness below .063".
[2] Compression Set performed at 73.4 +/- 3.6 deg F, compressed 50% for 22 hrs, 24 hr recovery
[3] 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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