GRISWOLD
ADVANCING PERFORMANCE

impakt.

U7G15
Preliminary Typical Physical Properties

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Density, lb./ft^3 (kg/m^3)	ASTM D3574 (1,4)	17 (272)
Tolerance, %		± 5
Thickness, inches (mm)	(4,6)	0.236 - 0.788 (6 - 20)
Tolerance, %		± 10
Standard Color (Pantone® code)	-	Silver Gray **(0422)**
Shore A Hardness	Shore A Durometer	15
Tolerance		± 5
Compression Set, % max.	ASTM D 3489 (1,3) at 25% compression, 73°F (23°C)	10
	ASTM D 3489 (1,3) at 25% compression, 158°F (70°C)	20
Tensile Strength, min. psi (kPa)	ASTM D412 (4)	120 (827)
Typical psi (kPa)		**158 (1089)**
Tensile Elongation, % min.	ASTM D412 (2)	140
Typical		**186**
Tear Strength, min. pli (kN/m)	ASTM D624 Die C (4)	19 (3.33)
Typical pli (kN/m)		**25 (4.38)**
Resilience (Ball Rebound), %	(5)	38
TEMPERATURE RESISTANCE		
Continuous Use Range	SAE-J-2236	-40° to 225°F (107°C)
Intermittent Use Maximum	-	250°F (121°C)

(1) Sample size is 2 inch x 2 inch
(2) Based on grip separation
(3) Ct calculation, percent of original thickness
(4) All metric conversions are approximate
(5) Result in units from dropping a 5/8 inch diameter steel ball, weighing approx. 16.7 grams onto foam stacked to a height of one inch, from a height of 100 units where each unit is equivalent to 0.2 inches and recording the height the ball rebounds to
(6) ASTM D3574 method with the following exceptions: 1.5 inch diameter foot on digital thickness indicator with a force loading of 0.9 Newtons (91.8 grams-force) plus the 30 gram weight of the foot

NOTE: Information of a technical nature is based on laboratory tests which either GRISWOLD LLC conducts or sends to an independent laboratory for testing for determination of uses as requested in writing by customer. GRISWOLD LLC believes these to be reliable. However, GRISWOLD LLC has no control over the application of the material to, or part of, the final **product** and **therefore**, GRISWOLD LLC makes **no express or implied warranty of result, fitness or merchantability.** The customer should determine reliability for the end use or particular application.

10/09/2017 AJ III

enlighten-u® Microcellular Polyurethane