

GRISWOLD® ESD Family

Features and benefits of Griswold Cellular Rubber Materials

- Natural Rubber is inherently anti-slip with a high coefficient of friction
- Designed to dissipate unwanted static electricity
- Extremely resistant to abrasion and tearing
- Available in flexible roll or sheet good formats

PROPERTY	TEST METHOD	SPECIFICATION		
Typical Physical Properties				
Product		9529	9600	9639
Density, Average kg/m ³ (lb/ft ³)	ASTM D1056	385 (24)	385 (24)	525 (33)
Thickness, mm (inches) *Tolerances	ASTM D1056	To 4.75 (0.187)		* ±0.381 (±0.015)
		4.78 - 9.50 (0.188 - 0.374)	* ±0.762 (±0.030)	
		9.53 - 12.67 (0.375 - 0.499)	* ±1.016 (±0.040)	
		12.70 - 25.40 (0.500 - 1.000)	* ±1.524 (±0.060)	
Standard Color		Black		
Polymer		Natural Rubber		
Compression Deflection, kPa (psi)	ASTM D1056 @ 50% compression	34 - 62 (5 - 9)	48 - 97 (7 - 14)	69 - 103 (10 - 15)
Compression Set, % max	ASTM D395 50% deflection @ 70°C (158°F)	25	25	25
Tensile Strength, min kPa (psi)	ASTM D412 Machine Direction	485 (70)	550 (80)	1725 (250)
	Cross Machine Direction	310 (45)	345 (50)	1380 (200)
Tear Strength, min. kN/m (pli)	Die "B" Machine Direction	3.5 (20)	3.9 (22)	12.3 (70)
	Cross Machine Direction	2.6 (15)	3.0 (17)	7.0 (40)
Elongation, % min	ASTM D412 Machine Direction	200	200	300
	Cross Machine Direction	175	175	275
Surface Resistivity, Ohms	BYSTAT Model DK SRM BSL-9750	1.0x10 ⁵ to 9.9x10 ¹²	1.0x10 ⁶ to 9.9x10 ⁸	2.0 x 10 ⁶

Notes:

- All metric conversions are approximate
- Additional technical information is available
- Values should not be used for specification limits