

"Manufacturing with the environment in mind"®

LS3 ANTI-STATIC POLYESTER POLYURETHANE FOAM

PHYSICAL PROPERTIES

TEST VALUES

	U.S. STANDARD AVERAGE		METRIC AVERAGE	
	MINIMUM	AVERAGE	MINIMUM	AVERAGE
Density	2.00 ± 10 % lbs./ft. ³		32.04 ± 10 % kg/m ³	
Tensile Strength	14.0 psi	19.0 psi	97 kPa	131 kPa
Elongation	115%	160%	115%	160%
Tear Resistance	1.10 pli	1.52 pli	193 N/M	266 N/M
Compression Force Deflection				
25 % Deflection	0.40 psi	0.50 psi	2.8 kN/M ²	3.5 kN/M ²
50 % Deflection	0.50 psi	0.65 psi	3.5 kN/M ²	4.5 kN/M ²
Retention of Tensile Strength after 3 hours, 105°C, Steam Autoclave	Min. 70%			
Surface Resistivity, ohms/sq. 73 ± 5°F, ≤ 15% R.H., 1"(25mm) thick**	Less than 10 ¹²			
Static Decay Time 73 ± 5°F, < 15% R.H., 1"(25mm) thick***	Less than 2 seconds			
Corrosivity****	None			

Flammability Characteristics: §

- Meets the requirements of S4.3 of Federal Motor Vehicle Safety Standard No. 302.‡

Features:

- Clickable
- Meets the Requirements of RoHS through June 2013 Revision of SVHC (Restriction of Hazardous Substances European Union Directive – 2011/65/EU)
- Compliant with European union REACH (Registration, Evaluation and Authorization of Chemical Substances - EC1907/2006)
- Pink 2020
- Meets the Combustibility and Ant-Static Properties requirements of Mil-P-26514G