

William T. Burnett & Co.

FOAM DIVISION

"Manufacturing with the environment in mind" ®

PRODUCT SPECIFICATIONS

1.8C POLYESTER POLYURETHANE FOAM

PHYSICAL PROPERTIES*

TEST VALUES*

	U.S. STANDARD		METRIC	
	MINIMUM	AVERAGE	MINIMUM	AVERAGE
Density	1.80 ± 10 % lbs./ft. ³		28.8 ± 10 % kg/M ³	
Tensile Strength	18.0 psi	25.0 psi	124 kPa	172 kPa
Elongation	90%	175%	90%	175%
Compression Force Deflection				
25 % Deflection	0.60 psi	0.85 psi	4.1 kN/M ²	5.9 kN/M ²
50 % Deflection	0.70 psi	0.90 psi	4.8 kN/M ²	6.2 kN/M ²
Retention of Tensile Strength after 3 hours, 105°C, steam autoclave			Min. 70%	
Retention of Tensile Strength after 22 hours, 140°C, dry heat aging			Min. 70%	

Features:

- Clickable
- Meets the Requirements of RoHS (Restriction of Hazardous Substances European Union Directive – 2002/95/EC)
- Compliant with European union REACH (Registration, Evaluation and Authorization of Chemical Substances - EC1907/2006)

* Test Methods : ASTM-D3574-[latest revision]. Standard Methods of Testing Flexible Cellular Materials - Slab, Bonded, and Molded Urethane Foam.

CFC's are not used in the manufacturing of Wm. T. Burnett & Co. polyurethane foams.

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