Wm. T. Burnett & Co.
FOAM DIVISION

PRODUCT SPECIFICATIONS

"Manufacturing with the environment in mind" ®

6.0N POLYESTER POLYURETHANE FOAM

PHYSICAL PROPERTIES	TEST VALUES			
	U.S. STANDARD AVERAGE		METRIC AVERAGE	
Density	6.00 ± 10 % lbs./ft.³		96.12 ± 10 % kg/m³	
	MINIMUM	AVERAGE	MINIMUM	AVERAGE
Tensile Strength	10.0 psi	18.0 psi	69 kPa	124 kPa
Elongation	150%	190%	150%	190%
Compression Force Deflection				
25 % Deflection	0.65 psi	0.75 psi	4.5 kN/M²	5.2 kN/M²
50 % Deflection	0.95 psi	1.20 psi	6.6 kN/M²	8.3 kN/M²
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%			

Flammability Characteristics: §

- Meets the requirements of Underwriters Laboratories Standard for Safety UL 94 Classification HF-1 @ 0.12 inch (3.0 mm) minimum thickness. ¥

Features:

- Clickable
- Meets the Requirements of RoHS through June 2013 Revision of SVHC (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.

‡ FMVSS 302 is a test procedure that specifies the burn resistance requirements for material used in the occupant compartments of motor vehicles.

¥ UL 94 is a test for Flammability of Plastic Materials for Parts in Devices and Appliances.

§ The flammability test(s) described in this specification is/are small scale test procedure(s) performed under controlled laboratory conditions, and is/are not intended herein to reflect the hazards presented by this or any other material under actual fire conditions.

CFC's are not used in the manufacturing of Wm. T. Burnett Co. polyurethane foams. **Edition:** 6/1/2015

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