



PRODUCT SPECIFICATIONS

"Manufacturing with the environment in mind"®

Z1845DC POLYETHER POLYURETHANE FOAM

Tentative Specification

PHYSICAL PROPERTIES

TEST VALUES

	U.S. STANDARD AVERAGE		METRIC AVERAGE	
	MINIMUM	AVERAGE	MINIMUM	AVERAGE
Density	1.80 ± 10 % lbs./ft. ³		28.84 ± 10 % kg/m ³	
Tensile Strength	12.0 psi	18.0 psi	83 kPa	124 kPa
Elongation	80%	120%	80%	120%
Indentation Force Deflection				
25% Deflection	40 lbs./50 in. ²	50 lbs./50 in. ²	178 N/323cm ²	222 N/323cm ²
65% Deflection	80 lbs./50 in. ²	100 lbs./50 in. ²	356 N/323cm ²	445 N/323cm ²
Retention of Tensile Strength after 3 hours, 105°C, steam autoclave	Min. 70%			
Air Flow	5.00 ft ³ / 4 in ² / min	20.00 ft ³ / 4 in ² / min	54.85 m ³ / m ² / min	219.40 m ³ / m ² / min

Features:

- This product contains additives to retard microbial growth and degradation.
- 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)
- Recommended for outdoor seating applications
- Minimum Airflow (ASTM D3574, Test G) 5.00 SCFM air
- Cell size: 18 to 28 ppi

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

NOTE: This specification is for flat foam only.

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

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