

PRODUCT SPECIFICATIONS

"Manufacturing with the environment in ®

S82S POLYESTER POLYURETHANE FOAM

PHYSICAL	TEST VALUES*			
	U.S. AVERAGE		METRIC AVERAGE	
Density	1.55 ± 10 % lbs./ft. ³		24.83 ± 10 % kg/m ³	
Tensile Strength	MINIMUM 23.0 psi	AVERAG 28.0 psi	MINIMUM 159 kPa	AVERAG 193 kPa
Elongation	300%	340%	300%	340%
Compression Force Deflection				
25 % Deflection	0.40 psi	0.55 psi	2.8 kN/M ²	3.8 kN/M ²
50 % Deflection	0.45 psi	0.60 psi	3.1 kN/M ²	4.1 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:

- Restriction of Hazardous Substances European Union Directive [ROHS3] - (2015/863/EU)
Meets the Requirements of SVHC through today's date.
- Compliant with European union REACH (Registration, Evaluation and Authorization of Chemical Substances - EC1907/2006)
- this product is non-clickable; it will not die-cut without some fusion of the edges

* 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

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