

S82ND2 | Open Cell Polyester Polyurethane Foam

Technical Data Sheet

Physical Property	Value (US Standard)	Value (Metric)
Cell Structure	Open	Open
Density	2.0 ±10% lb/ft ³	32.04 ±10% kg/m ³
Tensile Strength	25 psi	172 kPa
Elongation	220%	220%
Tear Resistance	2.5 pli	438 N/M
Compression Set C _v , % 50% Deflection		Max 8%
Compression Force Deflection		
25% Deflection	0.5 psi	3.5 kN/M ²
50% Deflection	0.6 psi	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%
Cell Count - Pores Per:	55 ± 5/inch	22 ± 3/cm

Flammability Characteristics:
 Meets S4.3 FMVSS No. 302.
 Meets UL94 HF-1.

Features:

- Clickable.
- Restriction of Hazardous Substances European Union ROHS3 - 2015/863/EU. Meets SVHC
- Compliant with european Union REACH - EC1907/2006