

## EMR1 | Open Cell Polyether Polyurethane Foam

### Technical Data Sheet

Physical Property	Value (US Standard)	Value (Metric)
Cell Structure	Open	Open
Density	1.5 ±10% lb/ft <sup>3</sup>	24.3 ±10% kg/m <sup>3</sup>
Tensile Strength	20 psi	138 kPa
Elongation	250%	250%
Indentation Force Deflection		
25% Deflection	35 lbs/50 in <sup>2</sup>	200 N/323 cm <sup>2</sup>
65% Deflection	70 lbs/50 in <sup>2</sup>	400 N/323 cm <sup>2</sup>
Retention of Tensile Strength after 5 hours, 105 C, Steam Autoclave	Min. 70%	

Flammability Characteristics:  
Meets S4.3 FMVSS No. 302.

#### Features:

- Contains additives to retard microbial growth and degradation
- Meets Requirements of ROHS June, 2013 Revision of SVHC 2002/95/EC
- Compliant with european Union REACH - EC1907/2006
- Meets requirements of General Motors GM2101M Type 1, Ford ESB-M2D304, Toyota TSK6712G-14.
- Minimum IFD at 20mm (0.79 in) thickness 23 lbs/50 in<sup>2</sup>.