



1.5# Polyether Polyurethane Foam

TECHNICAL DATA SHEET | (EFFECTIVE 26FEB21)

Polyurethane, Polyether				
Physical Property	Test Method	Unit	Value (EMR1)	
			Minimum	Average
Cell Structure			Open	
Density		lbs/ft³	1.50 ± 10%	
		kg/M³	24.03 ± 10%	
Tensile Strength		psi	15.0	20.0
		kPa	103	138
Elongation		%	150	250
Tear Resistance		pli	1.30	2.00
		N/M	228	250
Indentation Force Deflection	25% Deflection	lbs/in²	35 lbs / 50 in²	45 lbs / 50 in²
		N/cm²	156 N / 323 cm²	200 N / 323 cm²
	65% Deflection	lbs/in²	70 lbs / 50 in²	90 lbs / 50 in²
		N/cm²	311 N / 323 cm²	400 N / 323 cm²
Retention of Tensile Strength	5 hours, 120°C, Steam Autoclave	%	70	--
Flammability*	FMVSS 302+	--	Meets Requirement	
RoHS	Directive 2002/95/EC	--	Meets Requirement	
REACH	REACH (EC1907/2006)	--	Compliant	
General Motors	GM2101M type 1	--	Meets Requirement	
Ford	ESB-M2D304	--	Meets Requirement	
Toyota	TSK6712G-1A	--	Meets Requirement	
* 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.				
+ FMVSS 302 is a test procedure that specifies the burn resistance requirements for material used in the occupant compartmentns of motor vehicles.				