



6.0# Polyester Foam

TECHNICAL DATA SHEET | (EFFECTIVE 26FEB21)

Polyurethane, Polyester				
Physical Property	Test Method	Unit	Value	
			Minimum	Average
Cell Structure			Open	
Density		lbs/ft³	6.00 ± 10%	
		kg/M³	96.12 ± 10%	
Tensile Strength		psi	10.0	18.0
		kPa	69	124
Elongation		%	150	190
Compression Force Deflection	25% Deflection	psi	0.65	0.75
		kN/M²	4.5	5.2
	50% Deflection	psi	0.95	1.20
		kN/M²	6.6	8.3
Retention of Tensile Strength	3 hours, 105°C, Steam Autoclave	%	70	--
	22 hours, 140°C, Dry Heat Aging	%	70	--
Flammability*	UL 94 HF-1§	--	Meets Requirement	
RoHS	Directive 2002/95/EC	--	Meets Requirement	
REACH	REACH (EC1907/2006)	--	Compliant	
* 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. §UL 94 is a test for Flammability of Plastic Materials for Parts in Devices and Applicants				