



2.0# Polyester Polyurethane Foam

TECHNICAL DATA SHEET | (EFFECTIVE 26FEB21)

Polyurethane, Polyester				
PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE (S82N)	
			MINIMUM	AVERAGE
Cell Structure				Open
Density		lbs/ft ³		2.00 ± 10%
		kg/M ³		32.037 ± 10%
Tensile Strength		psi	16.0	20.0
		kPa	110.32	137.90
Elongation		%	90	116
Compression Force Deflection	25% Deflection	psi	0.55	0.75
		kN/M ²	3.79	5.17
	50% Deflection	psi	0.60	0.85
		kN/M ²	4.14	5.86
	70% Deflection	psi	1.10	1.80
		kN/M ²	7.59	12.41
Flammability*	FMVSS 302 ⁺	--		Meets Requirement
	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. + FMVSS 302 is a test procedure that specifies the burn resistance requirements for material used in the occupant compartmentns of motor vehicles. § UL 94 is a test for Flammability of Plastic Materials for Parts in Devices and Appliances.				