



1.5# 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		1.55 ± 10%
		kg/M ³		24.83 ± 10%
Tensile Strength		psi	23.0	28.0
		kPa	159	193
Elongation		%	300	340
Compression Force Deflection	25% Deflection	psi	0.40	0.55
		kN/M ²	2.8	3.8
	50% Deflection	psi	0.45	0.60
		kN/M ²	3.1	4.1
Retention of Tensile Strength	3 hours, 105°C, Steam Autoclave	%		70 min.
	22 hours, 140°C, Dry Heat Aging	%		70 min.
RoHS	Directive 2015/863/EU	--		Meets Requirement
REACH	REACH (EC1907/2006)	--		Compliant