



WarmlyYours

Be Connected.
Be Warm. Be Radiant.

ThermalSheet Underlayment Data Sheet

Material Physical Properties

PHYSICAL PROPERTY	TEST METHOD	UNITS	TEST RESULTS
Density	ASTM-D3575	pct (lb/ft ³)	2.8
Compressive Strength @25% Strain @50% Strain @75% Strain	ASTM-D3575	psi (lb/ft ²)	41 54 110
Compression Set	ASTM-D3575	%	11
Tensile Strength	ASTM-D3575	psi (lb/ft ²)	67
Tensile Elongation	ASTM-D3575	%	14
Tear Strength	ASTM-D3575	lbf/in	16
Flexural Strength	ASTM-D790	psi (l,b/ft ²)	78
Flexural Modulus	ASTM-D790	psi (lb/ft ²)	2,103
Coefficient of Linear Thermal Expansion 20°C to -40°C 20°C to 80°C	ASTM-D696	in/in/°F X 10 ⁻⁵	3.1 5.4
Water Absorption	ASTM-C272	%	<1.0
Flammability	FMVSS 302	< 4.0 inches/min.	Pass
Chemical Resistance (Auto fuels, fluids & solvents)	Various	1 hr exposure	Pass

Note: Typical Values Shown.