

CAN/ULC-S701 Standard for Thermal Insulation, Polystyrene, Boards & Pipe Covering			
Property	ASTM TEST	UNITS	TYPE 3
Thermal Resistance Values® Minimum @ 24°C (75°F)	C518	m ² • °C/ (W • 25mm) RSI Value	0.82
		ft ² • hr • °F/(BTU • in) R-Value	4.75
Water Vapor Permeance Maximum	E96	ng/(Pa • s • m ²)	130
		perms	2.3
Dimensional Stability Maximum	D2126 7 Days @ 70± 2 °C	% linear change	1.5
Flexural Strength Minimum	C203 Procedure B	kPa	300
		Psi	44
Water Absorption Maximum	D2842	% by volume	4.0
Compressive Strength Minimum @ 10% Deformation	D1621 Procedure A	kPa	140
		Psi	20
Limiting Oxygen Index Minimum	D2863	%	24

NOTE: Values quoted are maximum values for (25.4mm) thick samples with natural skins intact. Lower values will result for thicker materials. Where water vapor permeance is a design issue, consult manufacturer.