

CAN/ULC-S701 Standard for Thermal Insulation, Polystyrene, Boards & Pipe Covering			
Property	ASTM TEST	UNITS	TYPE 1
Thermal Resistance Values® Minimum @ 24°C (75°F)	C518	m ² •°C/ (W•26.99mm) RSI Value	0.88
		ft ² •hr•°F/(BTU•in) R-Value	5
Water Vapor Permeance Maximum	E96	ng/(Pa•s•m ²)	300
		perms	5.2
Dimensional Stability Maximum	D2126 7 Days @ 70± 2°C	% linear change	1.5
Flexural Strength Minimum	C203 Procedure B	kPa	170
		Psi	25
Water Absorption Maximum	D2842	% by volume	6.0
Compressive Strength Minimum @ 10% Deformation	D1621 Procedure A	kPa	70
		Psi	10
Limiting Oxygen Index Minimum	D2863	%	24

NOTE: Values quoted are maximum values for (26.99mm) thick samples with natural skins intact. Lower values will result for thicker materials. Where water vapor permeance is a design issue, consult manufacturer.