



This table outlines the basic physical properties of Foam-Control MAX[®] and extruded Polystyrene (XPS) insulation in accordance with ASTM C578, “Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation”.

Closed Cell Polystyrene Product		15 psi XPS	 150	25 psi XPS	 250
ASTM C578 ¹ Compliance, Type		Type X	Type II	Type IV	Type IX
Compressive Strength ¹ , min., ASTM D1621	psi (kPa)	15 (104)	15 (104)	25 (173)	25 (173)
R-value ¹ , Thermal Resistance, ASTM C518	°F·ft ² ·h/Btu (°K·m ² /W)	5.0 (0.88)	5.0 ² (0.88)	5.0 (0.88)	5.0 ² (0.88)
Density ¹ , min., ASTM C303	lb/ft ³ (kg/m ³)	1.30 (21)	1.35 (22)	1.55 (25)	1.80 (29)
Flexural Strength ¹ , min. ASTM C203	psi (kPa)	40 (276)	35 (242)	50 (345)	50 (345)

¹ Please refer to ASTM C578 specification for complete information.

² R-values are based on 1-1/16" thickness.