

HOT WIRE CUT EXPANDED POLYSTYRENE (EPS)

TECHNICAL DATA SHEET

Physical Properties	ASTM Testing	ULC S701 Standard	Type 1 Results	ULC S701 Standard	Type 2 Results	ULC S701 Standard	Type 3 Results
Thermal Resistance 1 in. (25mm) hr·°F·ft ² /BTU (m ² ·°C/W)	C-518	Min: 3,7 Min: (0,65)	3,87 (0,68)	Min: 4,0 Min: (0,70)	4,00 (0,70)	Min: 4,2 Min: (0,74)	4,26 (0,75)
Water Vapour Permeability Perm. (ng/Pa·s·m ²)	E-96	Max: 5,3 Max: (300)	3,67 (208)	Max: 3,5 Max: (200)	2,35 (133)	Max: 2,25 Max: (130)	1,07 (62)
Dimensional Stability (%)	D-2126	Max: 1,5	0,17	Max: 1,5	0,28	Max: 1,5	0,7
Flexural Strength lb/in ² (kPa)	C-203	Min: 25 Min: (170)	61 (414)	Min: 35 Min: (240)	72 (497)	Min: 43,6 Min: (300)	69 (475)
Water Absorption (%)	D-2842	Max: 6,0	4,1	Max: 4,0	1,7	Max: 2,0	0,9
Compressive Properties lb/in ² (kPa)	D-1621	Min: 10 Min: (70)	13 (95)	Min: 16 Min: (110)	18 (124)	Min: 20 Min: (140)	33 (229)
Limiting Oxygen Index (%)	D-2863	Min: 24	44	Min: 24	42	Min: 24	32

ISO 9001:2015

Certified quality management system ISO 9001:2015



Warnock Hershey (WHI) certified according to **ULC S701** standard.

Polyform has been a leader in the plastics industry for over 50 years. The company has developed a great expertise in working with various raw materials. To learn more about technical data or other available materials, do not hesitate to contact your representative or our team at : sales@polyform.com.



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