

# COMPARISON BETWEEN EPS TYPE 1 AND NEOPOR®

## TECHNICAL DATA SHEET

Physical Properties	ASTM Testing Method	Type 1 Hot Wire Cut	ULC S701 Standard	NEOPOR®
Thermal Resistance 1 in. (25mm) hr·°F·ft <sup>2</sup> /BTU (m <sup>2</sup> ·°C/W)	C-518	3,87 (0,68)	Min: 3,7 Min: (0,65)	5,00* (0,88)
Water Vapour Permeability Perm. (ng/Pa·s·m <sup>2</sup> )	E-96	3,67 (208)	Max: 5,3 Max: (300)	4,00 (226)
Dimensional Stability (%)	D-2126	0,17	Max: 1,5%	1,5
Flexural Strength lb/in <sup>2</sup> (kPa)	C-203	61 (414)	Min: 25 Min: (170)	25 (170)
Water Absorption (%)	D-2842	4,1	Max: 6,0%	1,1
Compressive Properties lb/in <sup>2</sup> (kPa)	D-1621	13 (95)	Min: 10 Min: (70)	10 (70)

\*Thermal resistance based on 1 1/16 in. thickness according to the results displayed by BASF.

**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](mailto:sales@polyform.com).