

This table outlines a few key physical properties of Foam-Control Geofoam in accordance with ASTM D6817, “Standard Specification for Rigid Cellular Polystyrene Geofoam” compared to Foam-Control insulation in accordance with ASTM C578, “Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation”.

Product		<b>FOAM-CONTROL GEOFOAM</b> <b>12</b>	<b>FOAM-CONTROL GEOFOAM</b> <b>15</b>	<b>FOAM-CONTROL GEOFOAM</b> <b>19</b>	<b>FOAM-CONTROL GEOFOAM</b> <b>22</b>	<b>FOAM-CONTROL GEOFOAM</b> <b>29</b>	<b>FOAM-CONTROL GEOFOAM</b> <b>39</b>	<b>FOAM-CONTROL GEOFOAM</b> <b>46</b>	<b>FOAM CONTROL</b> <b>50</b>	<b>FOAM CONTROL</b> <b>100</b>	<b>FOAM CONTROL</b> <b>130</b>	<b>FOAM CONTROL</b> <b>150</b>	<b>FOAM CONTROL</b> <b>250</b>	<b>FOAM CONTROL</b> <b>400</b>	<b>FOAM CONTROL</b> <b>600</b>	
ASTM D6817 <sup>1</sup> Compliance, Type		EPS12	EPS15	EPS19	EPS22	EPS29	EPS39	EPS46								
ASTM C578 <sup>2</sup> Compliance, Type									XI	I	VIII	II	IX	XIV	XV	
Density <sup>1,2</sup> , min., ASTM C303	lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	0.70 (11)	0.90 (15)	1.15 (18)	1.35 (22)	1.80 (29)	2.40 (38)	2.85 (46)	0.70 (12)	0.90 (15)	1.15 (18)	1.35 (22)	1.80 (29)	2.40 (38)	3.0 (48)	
Compressive Resistance @1% deformation <sup>1</sup> , min., ASTM D1621	psi (kPa)	2.2 (15)	3.6 (25)	5.8 (40)	7.3 (50)	10.9 (75)	15.0 (103)	18.6 (128)								
Compressive Strength @10% <sup>2</sup> , min., ASTM D1621	psi (kPa)								5 (35)	10 (69)	13 (90)	15 (104)	25 (173)	40 (276)	60 (414)	
R-value <sup>2</sup> , Thermal Resistance, per inch, ASTM C518	°F·ft <sup>2</sup> ·h/Btu (°K·m <sup>2</sup> /W)								3.2 (0.56)	3.9 (0.68)	3.9 (0.69)	4.2 (0.73)	4.4 (0.77)	4.4 (0.77)	4.5 (0.78)	
Flexural Strength <sup>1,2</sup> , min. ASTM C203	psi (kPa)	10 (69)	25 (172)	30 (207)	35 (240)	50 (345)	60 (414)	75 (517)	10 (69)	25 (173)	30 (208)	35 (242)	50 (345)	60 (414)	75 (517)	
Oxygen Index <sup>1,2</sup> , min.	vol. %	24	24	24	24	24	24	24	24	24	24	24	24	24	24	

<sup>1</sup> Please refer to ASTM D6817 specification for complete information.

<sup>2</sup> Please refer to ASTM C578 specification for complete information.