



### Case Fit 260 Polyethylene Foam

Physical Properties	Test Method	Direction	Value
Appearance	Visual	-	Closed, fine cell
Density	ASTM D3575, Suffix W, Method B	-	40 kg/m <sup>3</sup> (2.5 lb/ft <sup>3</sup> )
Compression Set	ASTM D357, Suffix B (50% Compression)	Vertical	<15%
Compressive Creep (1000 hrs @ 23°C)	ASTM D3575, Suffix BB	Vertical	<5% @ 17.5 kPa (2.5 psi)
Compressive Deflection			
@10%	ASTM D3575, Suffix D	Average	70 kPa (10 psi)
@25%			80 kPa (12 psi)
@50%			150 kPa (22 psi)
Thermal Stability	ASTM D3575, Suffix S	-	<1%
Thermal Conductivity			
@24°C (75°F)	ASTM D3575, Suffix V	Vertical	0.06 (W/m <sup>2</sup> K) (0.42 BTU-in/hr-ft <sup>2</sup> -°F)
@-5 °C (23°F)			0.04 (W/m <sup>2</sup> K) (0.37 BTU-in/hr-ft <sup>2</sup> -°F)
Water Absorption	ASTM D3575, Suffix L	-	1 kg/m <sup>3</sup> (0.2 lb/ft <sup>3</sup> )
Buoyancy	ASTM D3575, Suffix AA	-	930 kg/m <sup>3</sup> (58 lb/ft <sup>3</sup> )
Tensile Strength @ peak	ASTM D3575, Suffix T	Average	300 kPa (40 psi)
Tensile Elongation	ASTM D3575, Suffix T	-	55%
Tear Strength	ASTM D3575, Suffix G	Average	1.8 N/mm (10 lb/in)

*The data presented for Case Fit 260 are for unfabricated Case Fit 260 polyethylene foam products. While values shown are typical of the product, they should not be construed as specification limits.*