

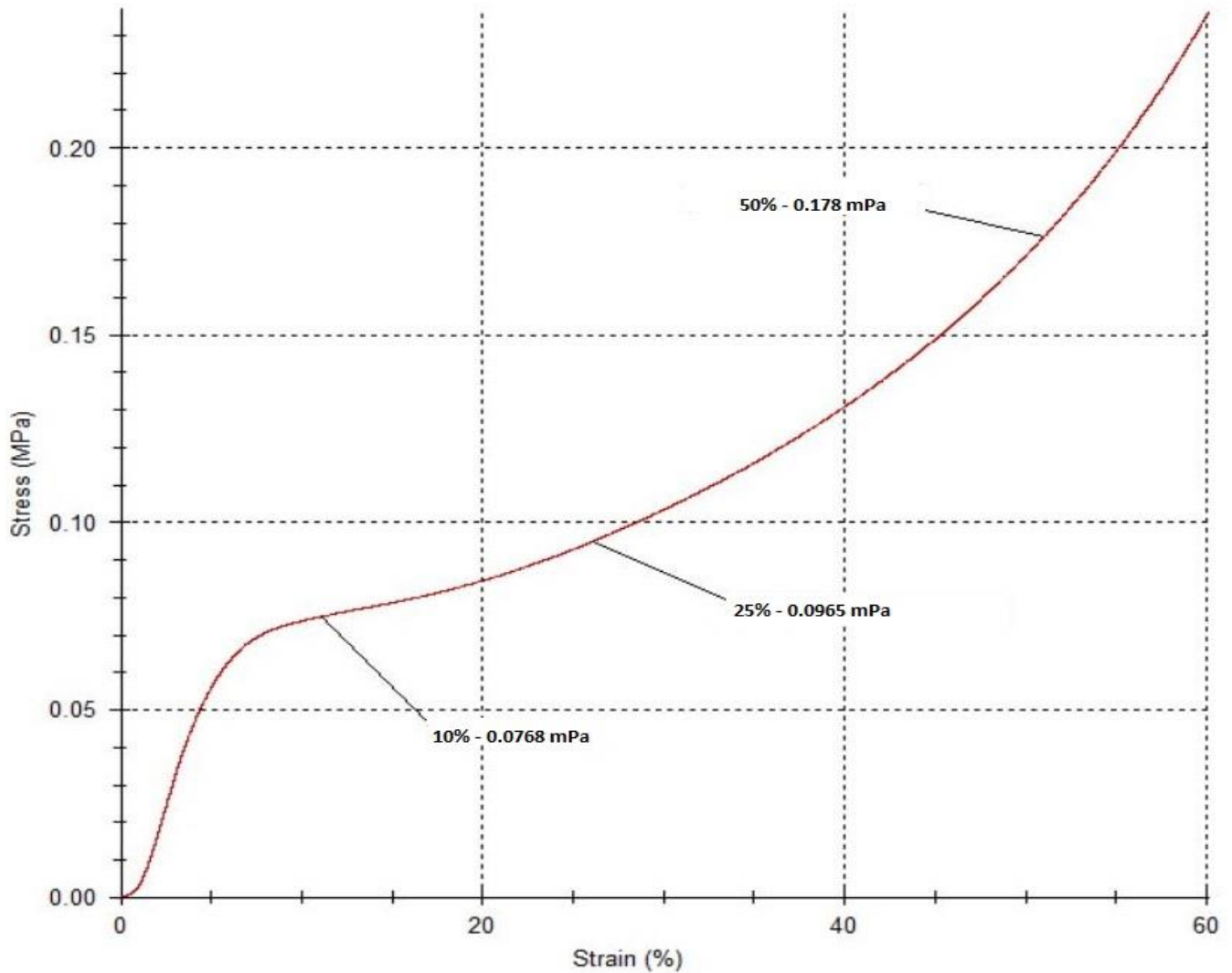
Product Reference: Miothene 70

Product Description: Closed Cell Polyethylene Foam

Specification

Properties		Values	Standard
Thickness (mm)		50 ± 0.8mm	
Apparent Density		60 ± 10 Kg/m ³	Internal
Shore Hardness – Scale C		44°	ASTM D2240
Tensile Strength	Transverse	0.54 – 0.57mPa	ISO 1798
	Longitudinal	0.67 – 0.68mPa	
Elongation	Transverse	146.6 – 154.0%	ISO 1798
	Longitudinal	159.2 – 172.0%	
Tearing strength	Transverse	3.21 – 3.49Kn/m	ISO 8067
	Longitudinal	3.55 – 3.93Kn/m	
Compressive Stress at 10% Relative Deformation		0.0768mPa	ISO 844
Compressive Stress at 25% Relative Deformation		0.0965mPa	ISO 844
Compressive Stress at 50% Relative Deformation		0.178mPa	ISO 844
Compressive Strength		10% = 68kPa 25% = 90kPa 50% = 174kPa	ISO 844
Compression set @ 25% deflection		7.9% after 0.5hr 3.04% after 24hr	ISO 1856
Recovery @ 50% compression		>90%	Internal
Water Absorption Volume (Max)		0.3%	Internal
Operating Temperature		-40 to +80°C	Internal

Stress / Strain Curve



Additional Information:

- Tests were carried out at 23°C ±2
- Data represents typical values measured on a 7mm thick specimen.