



SPECIFICATION SHEET

PZB0010 Polyethylene black foam

Property	Test Method	Unit	Result
Density	ISO 845	Kg/m ³	25
Tensile Strength	ISO 1798	kPa	252
Elongation	ISO 1798	%	161
Compression 10%	ISO 844	kPa	34
Compression 25%	ISO 844	kPa	52
Compression 50%	ISO 844	kPa	113
Compression Set – 0.5hrs	ISO 1856	%	16.0
Compression set – 24hrs	ISO 1856	%	4.0
Compression Set 50% 0.5 hrs	ISO 1856	%	33.0
Compression set 50% - 24 hrs	ISO 1856	%	21.0
Working temperature range	Internal	°C	-60 to 90
Water absorption % Vol (Max)	Internal	%	1
Water Vapour transmission	ISO 1663	g/m ² *24h	1.28
Thermal Conductivity at 10°C	ASTM C177	W/mK	0.0380
Thermal conductivity at 40°C	ASTM C177	W/K	0.0410
Shore – 00	ASTM D2240	00	46
Flammability	FMVSS302	Mm/min	67

If holes were created during the foaming process, no more than 6 holes of a diameter 2mm per 1m² sheet are acceptable. Data presents typical values measured on a 10mm thick specimen and should be considered as guidelines only.

QUALITY ASSURED PRODUCTS WITH FULL TRACEABILITY

Care should be taken in selecting the most suitable quality for each application.

Advice is available but final responsibility remains with the customer.