

Technical specification

PT 70 kg/m³

Description Have a higher density than PT50, cross-linked polyethylene foam with closed cells.

Properties	Unit	Value	Test method
Density	kg/m ³	70	DIN 53420
Cell Size	mm	-	
Tensile Strength	N/cm ²	69	DIN 53571
Elongation at break	%	-	
Tear strength	N/mm	3.69	DIN 53575
Compressive strength			
10% Compression	kPa	-	
25% compression	kPa	-	
40% compression	kPa	-	
50% compression	kPa	126	DIN 53577
Thermal Conductivity (mean temp 10 °C)	W/m.k	0.0447	DIN 53428
Recommended working temperature	°C	-50/+95	
Compression Set, 25% 22h 23 °C, 25 mm cell-cell			
0.5 h recovery	%	-	
25h recovery	%	-	
Compression set, 50% 22h 23 °C			
0.5h recovery	%	-	
24h recovery	%	-	
Flammability		Pass at 4mm and above	
Horizontal Burn			
5mm thick	mm/sec	-	
13mm thick	mm/sec	-	

This specification is given by our best knowledge and might be submitted to changes.