

Technical specification

PT 230

Description Low density, cross-linked polyethylene foam with closed cells. Specially designed for automotive purpose. Suitable for small products.

Properties	Unit	Value	Test method
Density	kg/m ³	28	DIN 53420
Cell Size	mm		
Tensile Strength	N/cm ²	28	DIN 53571
Elongation	%	157	DIN 53571
Tear strength	N/mm	1,39	DIN 53575
Compressive strength			
10% Compression	kPa	-	
25% compression	kPa	-	
40% compression	kPa	-	
50% compression	kPa	73	DIN 53577
Thermal Conductivity (mean temp 10 °C)	W/m.k	0.0377	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	<100mm/min	-	
Horizontal Burn			
5mm thick	mm/sec	-	
13mm thick	mm/sec	-	
Water absorption 24 d	Vol %	<1.0	DIN 53428
Water vapour transmission	g/m ² d	1.55	DIN 53429

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