

Technical specification

Poron Urethane Foams

Description Microcellular urethane foam with excellent compression set. Low-outgassing and non-fogging. Good chemical resistance.

Properties	Unit	Value	Test method
Polymer		Poron	
Cell structure		Open-cell	
Density	kg/m ³	240 - 480	ASTM D 3574-95
Hardness Shore 00		12 - 34	ASTM D 2240-97
Compression deflection 25%	kPa	27 - 276	
Compression deflection 50%	-	-	-
Compression set 50%	%	< 5	ASTM D 1667-90
Tensile strength	kPa	276 - 829	ASTM D 3574-75
Tear resistance	kN/m	0,5 - 2,1	ASTM D 264-91
Water absorption	%	2	AMS 3568-95
Linear shrinkage	-	-	-
Ozone resistance		Pass	GM 4486P-95
Temperature use	°C min	- 40	ASTM D 746-98
	°C max	+ 90	SAE J-2236
	°C Intermittent max	+ 121	ASTM D 74698
Flammability rating		Pass	FMVSS 302
UL 94		Pass	
Colour		Black	
Specification			

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