

Typical data for 37 [kg/m³] rigid PIR/PUR blockfoam foamed with iso-Pentane produced by Tinby Skumplast

Test	Results	Unit	Standard (Principles)
Density:	36,5	[g/l]	EN 1602
Compression, strength: - Parallel to flow direction - Perpendicular to flow direction, 1 - Perpendicular to flow direction, 2	275 150 140	[kPa] [kPa] [kPa]	EN 826
Compression, module: - Parallel to flow direction - Perpendicular to flow direction, 1 - Perpendicular to flow direction, 2	7,5 3,0 2,5	[MPa] [MPa] [MPa]	EN 826
Tensile, strength: - Parallel to flow direction - Perpendicular to flow direction, 1	300 175	[kPa] [kPa]	EN 1607
Tensile, module: - Parallel to flow direction - Perpendicular to flow direction, 1	13 5	[MPa] [MPa]	EN 1607
Dimension stability: 48 [h] at -30 [°C] 48 [h] at +100 [°C]	+0,3 +4,4	[Vol %] [Vol %]	ISO 2796
Insulation property: Initial lambda-value at 10 [°C]	24,8	[mW/m·K]	EN 12667
Closed cell content:	Min. 90	[%]	ISO 4590
Reaction to fire:	Class E	[-]	EN ISO 11925-2 EN ISO 13501-1
Global Warming Potential: (GWP)	≈ 0	[-]	-
Ozone Depletion Potential: (ODP)	0	[-]	-

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