

Doc. no. D.2955.Q
 Rev. 1
 Release date: 10-05-2021
 Author: BEL
 Approved by: NBO

Block Foam PIR 35

Typical data for rigid PIR foam 35 kg/m³ High performance insulation material.

Properties	Value	Unit	Standard
Density	33-37	[Kg/m ³]	EN1602
Compressive Strength (any direction)	>175	[kPa]	EN826
Compressive Module (any direction)	>4,5	[MPa]	-
Tensile Strength (any direction)	>200	[kPa]	EN1607
Tensile Module (any direction)	>5,0	[MPa]	-
Dimensional stability			
70°C/90% RV, 48h. – length + width / thickness	<1,0 / <1,5	[%]	EN1604
-20°C, 48h. – length + width / thickness	<0,5 / <0,5	[%]	EN1604
Insulation Property			
Initial lambda-value at 10°C	21	[mW/m·K]	
Closed cell content	>90	[%]	ISO4590
Fire behaviour			
European SBI class	E	[-]	EN13501-1
Global Warming Potential (GWP)	≈ 0	[-]	-
Ozone Depletion Potential (ODP)	0	[-]	-

Notice:

Data given is not a specification for the product, only typical values. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility of any kind expressed or implied. Statements or suggestions concerning possible use of the products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated or that other measures may not be required.