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**TECHNICAL DATASHEET FOR PIPE SECTION MADE FROM POLYURETHANE (PUR) /
POLYISOCYANURATE FOAM (PIR)
ISOLSHELL PUR/PIR**

1. Physical and chemical characteristics

1.1. Thickness:	20÷200 mm
1.2. Length:	1000 mm ± 1 %
1.3. Density:	33 ± 2 kg / m ³
1.4. Compressive strength - parallel	240 ± 50 kPa
1.5. Compressive strength - perpendicular	140 ± 50 kPa
1.6. Tensile strength - parallel	420 ± 60 kPa
1.7. Tensile strength - perpendicular	300 ± 60 kPa
1.8. Thermal conductivity (10°C)	0.022 W/mK
1.9. Water absorption by volume	3,5 %
1.10. Service temperature	- 60°C ÷ +120°C
1.11. % closed cells	min 92 %
1.12. Fire class	Class B2
1.13. Index of fire	Class 5.3
1.14. Dimensional stability - (48h at -25°C)	+0,5 +0,5 %
1.15. Dimensional stability -(48h at +100°C)	+1,5 +1,0 %
1.16. Dimensional stability - (48h at +70°C, 90% R.H.)	+1,0 +1,0%