

TECHNICAL DATA SHEET

Product name: Polifoam Chemically Crosslinked Normal Polyethylene foam sheets

Product sign: FR C90xx N **xx: thickness**

Technical parameters	Units	Values	Test methods
Density:	kg/m ³	90 ± 12	ISO 845
Thickness:	mm	5 ± 0,6 10 ± 1,0 15 ± 1,4 20 ± 2,0 ≥30 ± 10 %	ISO 1923
Tensile strength: Longitudinally Transversally	Mpa	≥ 0,90 ≥ 0,70	ISO 1798
Elongation at break: Longitudinally Transversally	%	≥ 140 ≥ 170	ISO 1798
Compression set:(22h, 25%, 23 °C): - 0,5h - 24h	%	≤10 ≤ 5	EN ISO 1856
Water absorption:	vol.%	≤1,5	MSZ EN 12087:1999
Compression stress at deflection: 10% 25% 50%	kPa	≥ 60 ≥ 120 ≥ 240	ISO 3386/1
Dimensional stability (6h, 70 °C) : Longitudinally Transversally	%	≤ - 2,0 ≤ + 1,0	EN 1604
Shape stability: - 6h, 70 °C - 72h, 70 °C		Not deformed Not deformed	
Temperature range of application:	°C	Between -45 and +95	
Flammability:		F - Easy inflammable	MSZ EN 13501-1:2007 + A1:2010

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