

Bulatex® S150-FR (Ex C150-FR)

Closed cells NBR-PVC - Specific

Good fire resistance & low smoke acc. to EN 45 545
 Good thermal insulation
 Watertight

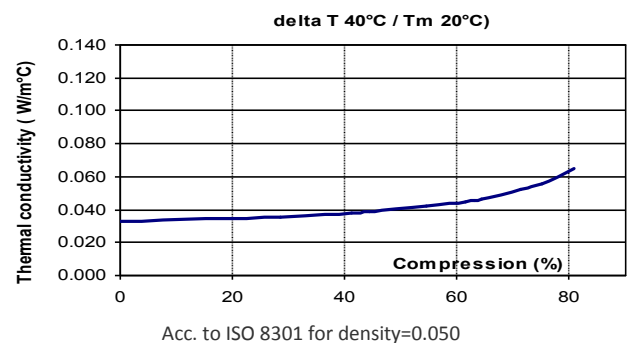


Properties	Test Conditions - Standard	Values
Density (1)	ISO 845	50 kg/m ³
Compression deflection 25% (1)	ASTM D1056	0 to 30 kPa (average 13 kPa)
Compression deflection 50%	NFR 99-211	30 to 70 kPa (average 40 kPa)
Compression set 40°C (1)	ASTM D1056-07 / NFR 99-211	80%
Linear shrinkage	After 7 days at 70°C	≤ 10%
Volume resistivity (1)	IEC 60 093 (120*120*2 mm -500V)	10 ¹² Ω.cm
Classification	ASTM D 1056	2 C0-C1
	NFR 99-211	3 C 04-08 except tearing resistance
Fire & Smoke European railway regulation	EN 45 545-2	For thickness 2 to 20 mm HL2 for R22, R23 and R24 Detailed report on request
Other fire classifications	FMVSS 302 (49 CFR Ch.V §571.302)	Self extinguishing
	UL 94	HF-1
Others characteristics	Colour	Grey
	Gross blocks dimensions	>2000 x >950x 32 mm Thickness with 2 skins in the 2000 x 950 area

Temperature range (1)	
Static	-40°C / +90°C
Continuous	0°C / +90°C
Peak	+105°C
Glass transition (DSC)	-18°C
Heat capacity (DSC)	1.3 to 2.0 J.g ⁻¹ .°C ⁻¹

Chemical resistance (1)	
Oil	Excellent
Ozone	Low
Air + UV	Low

Thermal conductivity (1)



(1) For information
 IMP FIT-01

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The information given in this document results from truthful laboratory tests. However this cannot be held as a commitment on our part. Modifications can be made at any moment without notice. It is recommended to the user to verify data before use. Our technical departments are at your disposal for any advice.
