

# Bulatex® S166

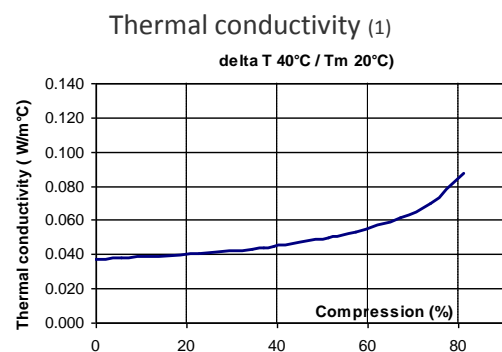
## Closed cells EPDM-based

The softest closed cells foam  
 Good compression set  
 Conformable on irregular surfaces



Properties	Test Conditions - Standard	Values
Density (1)	ISO 845	0.08
Compression deflection 25%	ASTM D1056	15 - 35 kPa (average 25 kPa)
Compression deflection 50%	NFR 99 211	55 – 105 kPa (average 80 kPa)
Compression set 23°C	ASTM D1056 50%, 22 h, 23°C	≤ 35% (average 25%)
Compression set 40°C	NFR 99-211 50%, 22H, 40°C	≤ 60% (average 45%)
Linear shrinkage	HUT CID INS LAB 10 003 After 7 days at 70°C	≤ 5%
Tearing resistance	NFR 99-211	≥ 0,3 daN/cm
Vacuum water absorption	NFR 99-211	≤ 5%
Hardness Shore 00 (1)	ASTM D 2240	20
Total carbon emission (µg C/g) (1)	VDA 277 / PV 3341	3.6
Volume resistivity (1)	IEC 60 093 120*120*2 mm -500V	10 <sup>15</sup> Ω.cm
Classification	ASTM D1056	2 A1 A2 B2 C1 F3 M P
	BMW / BMW S 603 00.0	A 940 EPDM 3 1 0.05
	GM / GMW 15473	Class II Type IV
	PSA / B65 4360	EPDM 08 X S2 04 4100X0
	Renault / 03-10-102	2 C 04-08 B4 C2 P1 except tearing resistance
	VW / TL 52065	Depends on drawing requirements
Other features	US FMVSS 302 - UL94	Pass < 100 mm/min - HBF ≥ 3 mm to be confirmed acc. to final configuration
	Colour	Anthracite black
	Gross block dimensions	mini 2000 x 1000 x 65 mm thickness with 2 skins in the 2000 x 1000 area

Temperature range (1)	
Continuous	-40°C / +120°C
Peak	+140°C
Glass transition (DSC)	-56°C
Heat capacity (DSC)	1.6 to 2.4 J.g <sup>-1</sup> .°C <sup>-1</sup>
Chemical resistance (1)	
Oil	Low
Ozone	Excellent
Air + UV	Excellent

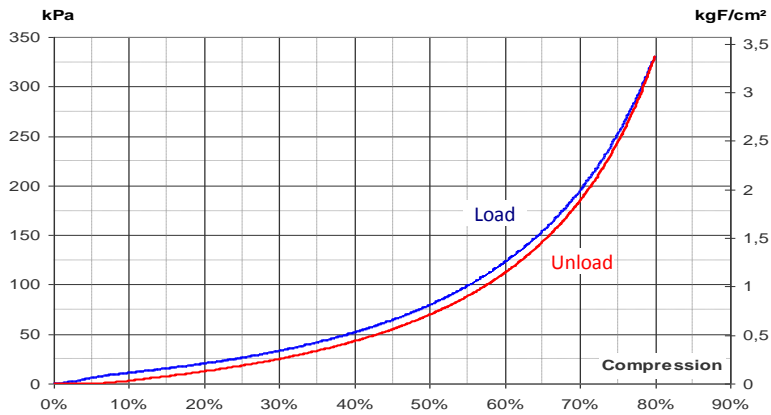


(1) For information only (indicative value)  
 IMP FIT-01

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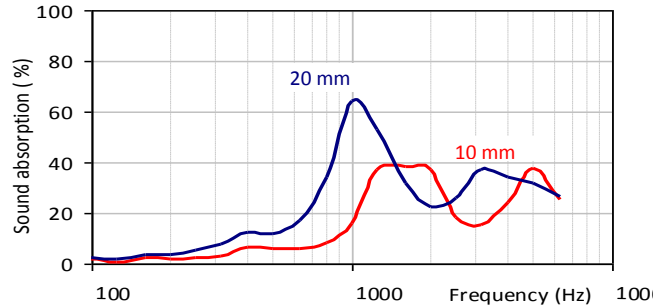
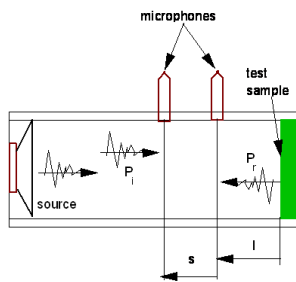


Compression deflection: load & unload (1)



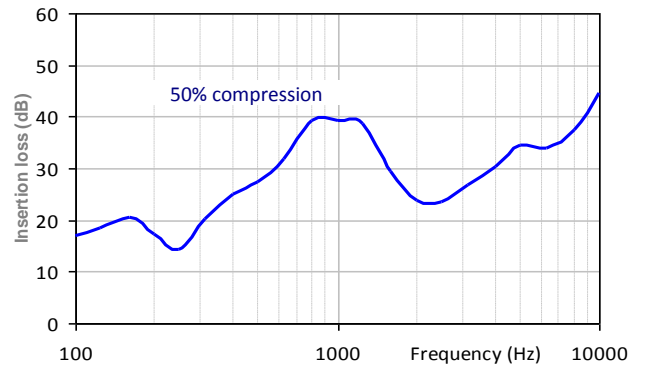
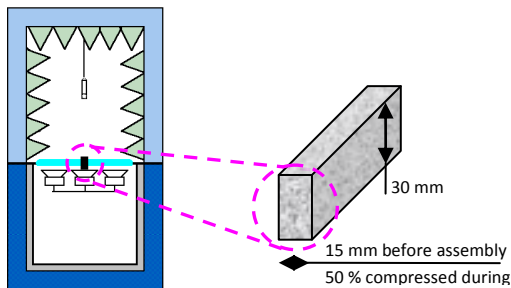
Acoustic (1)

Absorption: Kundt's pipe acc. to EN ISO 10534-2



Insertion loss acc. to B39 6130

Measure of the acoustic insulation gain provided by the filling of a 7.5 mm slit by a seal thickness 30 mm



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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.

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