

# Bulatex® S166

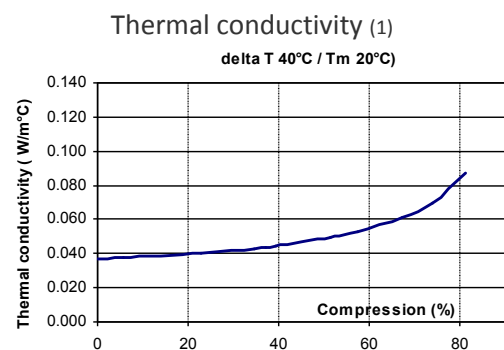
## Closed cells EPDM-based

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



Properties	Test Conditions - Standard	Values
Density (1)	ISO 845	80 kg/m <sup>3</sup>
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 F1 M P
	BMW / BMW S 603 00.0	A 940 EPDM 3 1 0.05
	GMW 17408 / GMW 15473	Class II Type IV
	PSA / B65 4360	EPDM 08 X C2 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

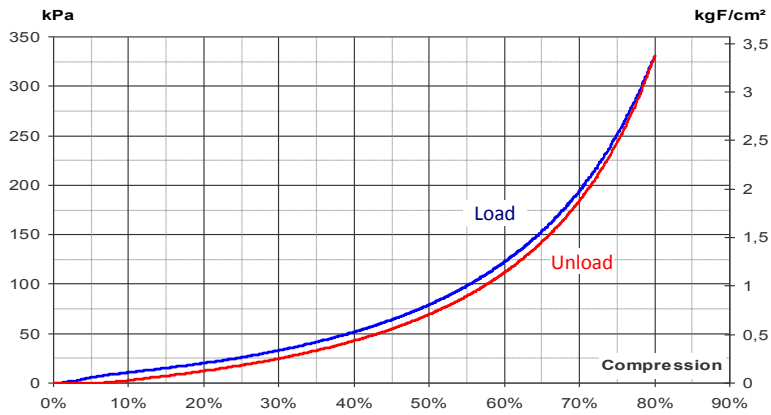


(1) For information only (indicative value)  
 IMP FIT-01

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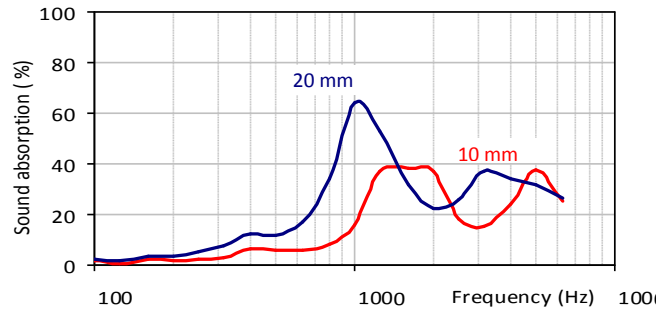
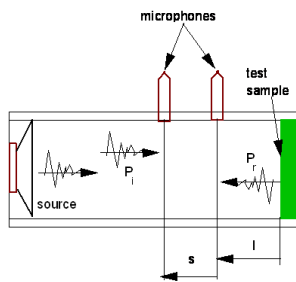


Compression deflection: load & unload (1)



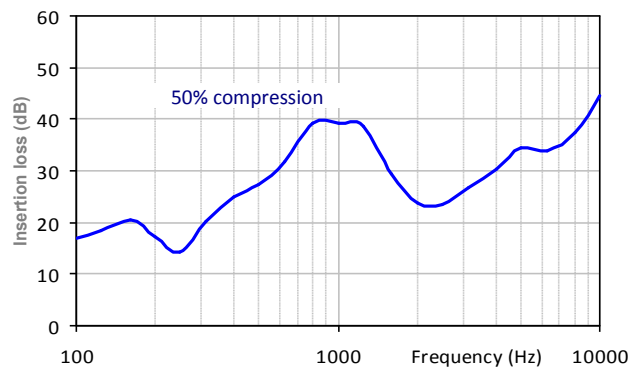
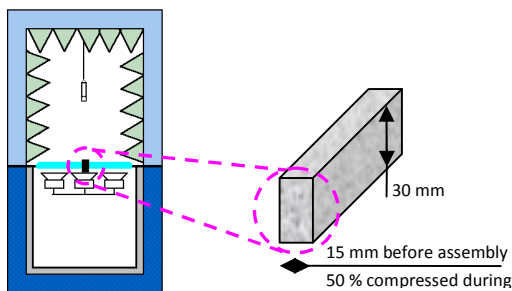
**Acoustic (1)**

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



**FOAM AND CONVERTING DIVISION**

BP56 F-45120 CHÂLETTE / LOING

Phone: +33.2.38.87.50.40

Contact : [dcicommun@hutchinson.fr](mailto:dcicommun@hutchinson.fr)

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