



DATASHEET

Cellular rubber EPDM white | intern ref. 42804

Technical data

Closed-cell cellular rubber based on EPDM-SBR, supplied in white. The data in this datasheet are based on the supplied technical specification.

Property	Standard / method	Value
Material		EPDM-SBR
Dimensions: length & width		2000 x 1000 mm (+/-3%)
Thickness		55 mm
Colour		White
Cellular structure		Closed
Specification according to	ASTM D1056-85 AFNOR NF-R 99-211-80 SAE J 18-79	2 A2 C P 2 C 08 B3 C2 RE 42 C P
Density		100/150 kg/m ³
Shore hardness 00		40-55 Sh 00
Compression deflection according to	ASTM D1056 - 25% compression NFR 99211-80 - 50% compression	43,3 kPa* 35-63 kPa 115,4 kPa* 80-160 kPa
Change in compression deflection	ASTM D1056 after 7 days at 70°C ASTM D1056 after 22 h at 100°C	+11%* -30 to +30% +23,8%* N.A.
Water absorption	ASTM D1056 / 24 h submersion	1,2%* =<5%
Compression set 50%/22 h	ASTM D1056 at 23°C/70°F after 24 h release NFR 99211 at 40°C/105°F	25,3%* <25% N.A. 61,5% =<80%
Linear shrinkage after 22 hours at 70°C		3,1%* =<6%
Ultimate elongation	DIN 53571	155%* >120%
Tensile strength	DIN 53571	600 kPa* >450 kPa
Tear resistance	NFR 99211-80 ASTM D624-73 Die C	0,63 kN/m* >0,5 kN/m N.A.
Ozone resistance	200 pphm/30°C/48 h	No cracking
Resistance to fuel B ASTM	Change in weight after 7 days at 23°C	N.A.
Fire resistance	According to FMVSS302 According to UL 94	Conforms to category 1, type of combustion E N.A.
Corrosive effect on Copper and Silver Paint staining		Corrosive Non staining
Temperature range	Continuous Intermittent	From -40°C to +85°C Up to 100°C
General indications		Good tensile strength and good resistance to ageing

N.A. = Non Adequate

* indicative average value

This datasheet has been prepared based on data supplied by the supplier. Values are indicative unless explicitly stated otherwise. For critical applications, we recommend suitability testing with the original material before use.