

Datasheet

Cellular rubber EPDM

Material		EPDM-NR-SBR	
Color		Black	
Cellular structure		Closed	
Specification according to	ASTM D 1056-2007 AFNOR NF R 99211-80 SAE J 18-79 DIN 7726 FMVSS 302	2A1/2 2C 08 A1 B4 C2 RE 41/42 - e ≤ 3.2mm	
Density / shore hardness		40° Shore 00 ±10 / ISO 845-88 120 kg/m ³ ±25kg	
Compression deflection	25% 50%	ASTM D 1056-00 NF R 99211-80	38 kPa* 20 – 50 kPa 110 kPa* 80 – 160 kPa
Compression set 50% / 22h	23°C 40°C	ASTM D 1056-00 NF R 99211	15%* ≤ 25% 38%* ≤ 60%
Water absorption	ASTM D 1056-00		3.5%* ≤ 8%
Linear shrinkage	After 7 days / 70°C		3.5%* ≤ 5%
Ultime elongation	ISO 1798-97		≥ 120%
Tensile strength	ISO 1798-97		≤ 350 kPa
Tear resistance	ISO 34-1 (B-a) 94		≤ 1 kN/m
Temperature range	Continuous – maximum		-40°C / +80°C - + 100°C
Resistance	Air + UV Ozone Oil	168 h / 200 pphm	Outstanding No cracks -
Corrosive effect on Copper And Silver	3 according to VDA 675 241		Corrosive
Paint staining	> 5 according to Ford WSK M2 D419-A		Not staining
Environment / recycling		CFC and HCFC-free / recyclable	

* average values 1700014

In the same quality, the characteristics of cellular rubber can vary according to numerous factors such as: thickness of sheets, sheet with or without moulding skins, methods of tests, etc. The above given information should be considered only as a guide in making a choice of material according to the use to which it is put.