

Datasheet
Celrubber EPDM grijs

Material		EPDM-SBR	
Dimension : length & width		2000 x 1000 mm (+/-3%)	
Thickness		55 mm	
Colour		Grey	
Cellular structure		Closed	
Specification according to	ASTM D1056-85	2 A2 C P	
	AFNOR NF-R 99-211-80	2 C 08 B3 C2	
	SAE J 18-79	RE 42 C P	
Density		100/150 kg/m ³	
Shore hardness 00		40-55 Sh 00	
Compression deflexion according to	ASTM D1056 - 25% compression	42,5 kPa*	35- 63
	NFR 99211-80 -50% compression	kPa 113,8 kPa*	80-160 kPa
Change in Compression deflection	ASTM D1056 after 7 days at 70°C	+11,3%*	-30 to +
	ASTM D1056 after 22h at 100°C	30%	N.A.
		+19.6%*	
Water absorption	ASTM D1056 / 24 h submersion	1,3%*	= <5%
Compression set 50%/22h	ASTM D1056 at 23°C/70°F after 24 h release	24,6%*	<25% N.A.
	NFR 99211 at 40°C/105°F	58%	=<80%
Linear shrinkage after 22 hours at 70°C		2,9%*	= <6%
Ultime elongation	DIN 53571	167%*	>120%
Tensile strenght	DIN 53571	615 kPa*	>450 kPa
Tear resistance	NFR 99211-80	0,64 kN/m*	>0,5 kN/m
	ASTM D624-73 Die C	N.A.	
Ozon 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	Conforms to category 1, type of combustion E	
	According to UL 94	N.A.	
Corrosive effect on Copper and Silver Paint staining		Corrosive Non staining	
Temperature range	Continuous	From -40°C to +85°C	
	Intermittent	Up to 100°C	
General indications	Good tensile strength and good resistance to ageing		

N.A. = Non Adequate

* indicative average value