

**Datasheet**  
Celrubber EPDM

Material		EPDM-NR-SBR	
<b>Dimensions : length &amp; width</b>		2000 x 1000 mm (+/-3%)	
<b>Thickness</b>		54 mm	
<b>Colour</b>		Black	
<b>Cellular structure</b>		Closed	
<b>Specification according to</b>	ASTM D 1056-85	2 A2 B2 C P	
	AFNOR NF-R 99-211-80	2 C 08 B3 C2	
	SAE J 18-79	RE 42 B2 C P	
<b>Density</b>		120/170 kg/m <sup>3</sup>	
<b>Shore hardness 00</b>		40-60 Sh 00	
<b>Compression deflexion according to</b>	ASTM D 1056 - 25% compression	45 kPa*	35- 63 kPa
	NFR 99211-80 - 50% compression	125 kPa*	80-160 kPa
<b>Change in compression deflection</b>	ASTM D1056 after 7 days at 70°C ASTM D1056 after 22 h at 100°C	+20%*	from-30 to + 30%
<b>Water absorption</b>	ASTM D 1056 / 24 h submersion	1,5%*	= <5%
<b>Compression set 50%/22h</b>	ASTM D 1056 at 23°C/70°F after 24 h release	19%*	<25%
	NFR 99211 at 40°C/105°F	65%	<80%
<b>Linear shrinkage after 22 Hours at 70°C</b>		3,5%*	= <5%
<b>Ultime elongation</b>	DIN 53571	140%*	>100%
<b>Tensile strength</b>	DIN 53571	650 kPa*	>400 kPa
<b>Tear resistance</b>	NFR 99211-80 ASTM D 624-73 Die C	0,6 kN/m*	>0,5 kN/m
<b>Ozone resistance</b>	200 pphm/30°C/48 h	No cracking	
<b>Resistance to fuel B ASTM</b>	Change in weight after 7 days at 23°C	N.A.	
<b>Fire resistance</b>	according to FMVSS302	Conforms to Category 1, type of combustion E	
	according to UL 94	N.A.	
<b>Corrosive effect on Copper and Silver Paint staining</b>		Corrosive Non staining	
<b>Temperature range</b>	Continuous Intermittent	From -40°C to +70°C Up to 80°C	
<b>General indications</b>	<b>Good tensile and compressive strength with high ageing resistance</b>		

N.A. = Non Adequate  
\* indicative average value