

Datasheet
Celrubber EPDM 74-42

Material		EPDM	
Dimensions : length & width		1600 x 1000 mm (+/-3%)	
Thickness		62,5 mm	
Colour		Black	
Cellular structure		Closed	
Specification according to	ASTM D1056-77	RE 42 BC	
	AFNOR NF-R 99-211	2C 08 A1 B4 C2 P1	
	SAE J 18-79	RE 42 BC	
Density		170/210 kg/m ³	
Shore hardness 00		30-50 Sh 00	
Compression deflection according to	ASTM D1056 - 25% Compression	45 kPa*	35- 63 kPa
	NFR 99211-80 - 50% Compression	136 kPa*	80-160 kPa
Compression set 50%/22h	at 23°C/ 70°F	+8%*	=<25%
	at 40°C/ 105°F	+27%*	=<50%
Water absorption	ASTM D1056 / 24 h submersion	3%*	= <5%
Linear shrinkage after 7 days at 70°C		4%*	= <5%
Ultime elongation	DIN 53571	=>150%*	
Tensile strength	DIN 53571	=>400 kPa	
Tear resistance	NFR 99211-80	=>0,5 kN/m*	
	ASTM D624-73 Die C	N.A.	
Ozone resistance	200 pphm/168 h	No cracking	
Resistance to fuel B ASTM	Change in weight after 7 days at 23°C	N.A.	
Fire resistance	according to FMVSS302	Conformable	
	according to UL 94	N.A.	
Corrosive effect on Copper and Silver Paint staining			
Temperature range	Continuous Intermittent	From -40°C to +120°C Up to 130°C	
General indications	Good tensile and compressive strength with high ageing resistance		

N.A. = Non Adequate
* indicative average value