

Datasheet
Celrubber CR

Material		CR	
Dimension : length & width		2000 x 1000 mm (+/-3%)	
Thickness		50 mm	
Colour		Black	
Cellular Structure		Closed	
Specification according to	ASTM D 1056-85	2 C2 A1 B2 C E1	
	AFNOR NF-R 99-211-80	3 C 08 B4 C2	
	SAE J 18-79	SCE 42 A1 B2 C E1	
Density		140/180 kg/m ³	
Shore hardness 00		38-55 Sh 00	
Compression deflection according to	ASTM D1056 - 25% Compression	46,2 kPa*	35- 63 kPa
	NFR 99211-80-50% Compression	120 kPa*	80-160 kPa
Change in compression deflection	ASTM D1056 after 7 days at 70°C	+13,5%*	-30 to + 30%
	ASTM D1056 after 22 h at 100°C	+21%*	-30 to + 30%
Water absorption	ASTM D1056 / 24 h submersion	1,1%*	= <5%
Compression set 50%/22 h	ASTM D1056 at 23°C/70°F after 22 h release	18,9%*	= < 25%
	NFR 99211 at 40°C/105°F	40,5%	= < 60%
Linear shrinkage after 22 Hours at 70°C		4,6%*	= <7%
Ultimate elongation	DIN 53571	156%*	>100%
Tensile strength	DIN 53571	824 kPa*	>500 kPa
Tear resistance	NFR 99211-80	0,8 kN/m*	>0,5 kN/m
	ASTM D624-73 Die C	2,4 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	99%	<150%
Fire resistance	According to FMVSS302	Conforms to Category 1, type of combustion B	
	According to UL 94	94 HBF	
Corrosive effect on Copper and Silver Paint staining		Corrosive Staining	
Temperature range	Continuous Intermittent	From -40°C to +85°C Up to 100°C	
General indications	Good resistance to ageing , flame , oils and chemicals		

N.A. = Non Adequate
* indicative average value