

Datasheet
Celrubber NBR

Material		NBR
Dimensions : length & width		2000 x 1000 mm (+/-3%)
Thickness		56 mm (+/-2%)
Colour		Black
Cellular structure		Closed
Specification according to	ASTM D1056-07	PSA B67 1016
	NF-R 99211-80	UL 94
	ISO 3795	Renault 03-10-102
Density		150 +/- 20 kg/m ³
Shore hardness 00		40-55 Sh 00
Compression deflection	ASTM D1056 - 25% Compression	45 kPa*
	NF R 99211-80 - 50% Compression	120 kPa*
Compression set 50%/22h	at 23° C/ 70° F	19%*
	at 40° C/ 105° F	47%*
Water absorption	ASTM D1056-07	2%* = <5%
Accelerated ageing	ISO188 (dimensional change)	-6,5%
	ASTM D 1056-07 (change of compression resistance)	5%
Linear shrinkage	7 days 70°C	3%* = <5%
Ultimate elongation	ISO 1798	150%*
Tensile strength	ISO 1798	100 kPa-
Tear resistance	ISO 34-1 (B-a)	3,3 kN/m*
	ASTM D624-73 DIE C	
Ozone resistance	20% elongation 200 pphm 40°C	No cracking >336h
Temperature range	7 days constant	-40°C / +90°C
	5 h intermittent	+110°C
General indications	Good resistance to Oil	

*indicative average value