



NEOPRENE TECHNICAL DATA SHEET

POLYMER EPDM + CR

1	CELL STRUCTURE	CLOSED CELLS	
2	COLOR	BLACK	
3	THICKNESS	130 +/- 20 Kg/m3	8,1 +/- 1,2 Lb/ft3
4	HARDNESS (SHORE)	30- 40	
5	COMPRESSIVE STRENGTH	A -25 %	35 kPa* 25-50 kPa 5psi* 4-7 psi
		A -50%	105kPa* 80-160 kPa 15 psi* 12-24 psi
6	PERMANENT DEFORMATION 50% / 22h	A 23°C	16%* =< 25%
		A 40 °C	50% * =< 80%
7	WATER ABSORPTION	4%	=< 8%
8	TEMPERATURE RANGE	CONTINUOUS	-40°C / +80°C -40°F / +176°F
		INTERMITTENT	+100°C +212°F
9	LINEAR SHRINKAGE AFTER 7 DAYS AT 70°	-3%	Max -5%
10	ELONGATION AT BREAK	>150%	
11	STRENGTH AT BREAK	=> 400 kPa	=> 58 psi
12	STRENGHT AT TEAR	=> 0,5 kN/m	=>2,9 Lbf/in
13	STRENGHTS	U.V. - AIR	EXCELLENT
		OZONE	168 h/200 pphm
		OIL	MEDIUM
14	REGULATIONS	ASTM D 1056 - 77	RE 41/42BC
		AFNOR NF R 99211 - 80	3 C 08 B3 C2
		SAE J 18 - 79	SCE 41/42 BC
		FMVSS 302	COMPLIANT
15	ENVIRONMENTAL PROTECTION	WITHOUT CFC e HCFC	
16	RECYCLING	IT CAN BE RECYCLED	

*Indicative values

The aforementioned values are not absolute values but values that help the user to choose the item's quality according to its final use. In fact, the technical features could change depending on several aspects such as sheet's thickness, presence or absence of leather, test methods, etc...

Besser Vacuum srl - Valentina Cancellier
 Responsabile qualità

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