

## Technical Datasheet – EPDM Cellularrubber A

Properties	Test Method	Unit	Tolerance	Value
Specifications, Standards	ASTM 1056-07			2A1/2 A2 B2 C2 F1 M P
	NF R 99211-80 / Reault 03-10-102 / PSA B67 1016			2C 08 B4 C2 P2
	FMVSS 302 (49 CFR Ch. V § 571.302) / ISO 3795			Conforme / pass / entsprechend e ≥ 4mm
	UL 94			N.T. / N.G.
Density	ISO 845	kg/m <sup>3</sup>	±20	100
Hardness	ASTM D 2240	SHORE 00		25 - 45
	SRIS 0101	ASKER C		10 *
Compression – Deflection	ASTM D 1056-07	kPa	á 25%	35
	NF R 99211-80	kPa	á 50%	95
Compression set	ASTM D 1056-07 22h / 50% 23° C	%	11% *	≤ 25%
	NF R 99211-80 22h / 50% 40° C	%	20% *	≤ 60%
Vacuum Water absorption	ASTM D 1056-07	%	6.1%	≤ 10%
Accelerated ageing	ISO 188 Dimensional change	%	-2.6%	-5% / 0%
	ASTM D 1056-07 Change of compression resistance	%	-8.8%	-30 / +30%
Dimensional stability	FORD WSK-M2D419-A Change of dimension after 3hrs. at 80° C	%	-2.9%	-5% / +1%
Ultimate elongation	ISO 1798	%		295% *
Tensile strength	ISO 1798	kPa		357
Tear resistance	ISO 34-1 (B-a) / ASTM D624 DIE C	kN/m		1.8
Ozone resistance	ISO 1431-1 20% elongation / 40° C / 200 pphm		>336hrs.	No cracking
Temperature range	7 days	° C	Constant	-40° C / +100° C
	5 hrs.	° C	Intermittent	+110° C
Block size 2 skins				2000 (±3%) x 1000 (±3%) x 55 ±2mm
Environmental protection	(EC) N° 1907/2006 (REACH)_2000/53/ EC_2011/65/EU(ROHs)_IMDS_GADSL_CFC free			Recyclable
ROHs Certificate	Directive 2011/65/EU ROHs3 & 2015/863/EU - Cd, Cr VI, Hg, Pb, PBB, PBDE, DEHP, BBP, DBP, DIBP	%	< 0.1%	Conform

For substances non intentionally introduced, values are given according to our actual knowledge