

## Technical Data Sheet

# Cellular rubber EPDM 4216/S-115

- Polymer base: EPDM
- Silicone-free
- Good mechanical strength and aging resistance
- Severe corrosion on copper and silver – without staining during the varnish difference test

### Technical Data

Colour			black
Cell structure			fine, closed cell
Density		[kg/m <sup>3</sup> ]	approx. 90 – 140
120 kg/m <sup>3</sup>			
Peak temperature (briefly)		[°C]	max. 100
High-temperature value		[°C]	+85
Low-temperature value		[°C]	-40
Shore hardness			
Shore 0			-
Shore 00			49°
Shore A			-
Compression hardness (compressive strength)		[kPa]	
40 kPa (25% compression)	ASTM D 1056		35 – 63
110 kPa (50% compression)	NF R 99211-80		70 – 130
Change in compression hardness (after 7 days 70 ° C)	ASTM D 1056		-30 % to +30 %
Compression set			
25 % (at 23 °C, 24 h release)	ASTM D 1056	[%]	max. 30
60 % (at 40 °C, 24 h release)	NFR 99211		max. 80
Elongation at break	DIN 53571	[%]	min. 100
Tensile strength	DIN 53571	[kPa]	min. 500
Tear resistance	NFR 99211-80	[kN/m]	min. 0.5
0.6 kN/m			
Water absorption	ASTM D 1056	[%]	max. 5
Linear shrinkage			
3.5 %	after 22 h at 70 °C	[%]	max. 6
Ozone resistance			no cracks
200 pphm / 40 °C			
Combustibility	FMVSS 302		compliant

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### Specifications

2 A/2 B 3 C P	ASTM D 1056-85
2 C 08 B3 C2	AFNOR NF
RE 42 C P	SAE J 18 – 79

### Delivery forms

Raw block format 2,000 x 1,000 x 60 mm

Steinbach AG

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