AAG 200 CR Celle Neopren

Technical data sheet



Product attributes

General Description

Raw material	neoprene
Material type	foam rubber
Color	black
Cell structure	closed cell
Hardness (Shore 00)	40 Shore 00
Hardness (Shore A)	10 à 15 shore A
Density	160 kg/m³
Density range and norm	130 to 190 kg/m³ (DIN EN ISO 845)

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Possibilities Material

Self adhesive possibilities	1 side, 2 sides, without adhesive
Most sold thicknesses	1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25, 30, 40, 50 mm
Minimum thickness	1 mm
Maximum thickness	50 mm
Non standard thicknesses	easily created by splitting blocks
Max width of rolls	1000 mm
Dimension sheet	1000 x 2000 mm
UV resistance	good
Ozone resistance	very good
Application with oil	fairly good
Contact with copper and silver	bad
Sealing for which joint types	level/parallel

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Technical Properties Material

Temperature range	-40 °C to +90 °C, intermittent +110 °C
FMVSS302	compliant
UL94 horizontal	HF1
Linear shrinkage 22h, 70 °C	< 5%
Change of volume: 7 days, 70 °C	-3,6% (ISO 188)
Change of volume: 3 days, 80 °C	-2,5% (FORD WSK-M2D419-A)
Thermal conductivity	0,037 W/mK
Water absorption	<5% (ASTM D1056-14)
Ozone resistance 20%, 30 °C, 200pphm	> 48 hours (ISO 1431)
Compression deflection 25%	45 kPa (35 - 65 kPa, ASTM D1056)
Compression deflection 50%	120 kPa (80 - 160 kPa, NF R 99211-80)
Compression set: 50%, 24h, 23 °C	16% (< 25%, ASTM D 1056-07)
Compression set: 50%, 24h, 40 °C	40% (< 60%, NF R 99211-80)
Tensile strength kPa	500 kPa (> 350 kPa, DIN EN ISO 1798)
Elongation	160% (> 120%, DIN EN ISO 1798)
Tear resistance	1,5 kN/m (> 1 kN/m, NFR 99211-80)
Maximum % of compression	50%

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Applications, Standards

REACH	compliant
RoHS	compliant
Recyclable	compliant
CFC and HCFC free	compliant
Shelf life	2 years
HS code	40081100

Disclaimers

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