

AEM standard

Ethylene-acrylic rubber, black

- Especially to seal service fluids in vehicle construction
- Resistant to acidic oils and gases, to cold water, to most chemicals and heat
- Applicable for static seals, rod and piston seals, wiper seals and rotary seals

Properties	Value	Unit	DIN Standard
Hardness	87 ± 5	Shore A	DIN ISO 7619-1
Density	1,305	g/cm ³	DIN EN ISO 1183-1
100% Modulus	10	MPa	DIN 53504
Elongation at break	192	%	DIN 53504
Tensile strength		MPa	DIN 53504
Compression set 23°C/70h		%	DIN ISO 815-1
Compression set 70°C/70h		%	DIN ISO 815-1
Compression set 125°C/22h		%	DIN ISO 815-1
Rebound resilience	22	%	DIN ISO 4662:2017
Tear resistance	5,9	N/mm	DIN ISO 34-1 A
Abrasion resistance		mm ³	DIN ISO 4649 B
min. Service temperature	- 30	°C	
max. Service temperature	+150	°C	

All above stated data result from random tests which were taken from the ongoing production. All data were established based on standard test-specimen according to ISO, DIN and ASTM standards and can basically not be carried over to the construction element.

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