

# EPDM standard

Ethylene-propylene-diene rubber, black, peroxide cured

- Excellent resistant to brakefluids DOT3, DOT4 und DOT5.1
- Resistant to HFC, cold water, hot water and steam, diluted acids and bases
- 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	1,16	g/cm <sup>3</sup>	DIN EN ISO 1183-1
100% Modulus	10,0	MPa	DIN 53504
Elongation at break	263	%	DIN 53504
Tensile strength	11,7	MPa	DIN 53504
Compression set 23°C/70h	28	%	DIN ISO 815-1
Compression set 70°C/22h	24	%	DIN ISO 815-1
Compression set 125°C/22h	10	%	DIN ISO 815-1
Rebound resilience	43	%	DIN ISO 4662:2017
Tear resistance	9,1	N/mm	DIN ISO 34-1 A
Abrasion resistance	167	mm <sup>3</sup>	DIN ISO 4649 B
min. Service temperature	-45	°C	
max. Service temperature	+135	°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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