

EPDM mellow

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	76 ±5	Shore A	DIN ISO 7619-1
Density	1,39	g/cm ³	DIN EN ISO 1183-1
100% Modulus	4,3	MPa	DIN 53504
300% Modulus		MPa	DIN 53504
Elongation at break	340	%	DIN 53504
Tensile strength	15,8	MPa	DIN 53504
Compression set 23°C/70h	14,6	%	DIN ISO 815-1
Compression set 70°C/22h	13,6	%	DIN ISO 815-1
Compression set 125°C/22h	21,6	%	DIN ISO 815-1
Rebound resilience	39	%	DIN ISO 4662:2017
Tear resistance	7,8	N/mm	DIN ISO 34-1 A
Abrasion resistance	154	mm ³	DIN ISO 4649 B
min. Service temperature	-53	°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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