

FPM mellow

Fluorinated rubber, Terpolymer, black

- FPM in softer setting
- Resistant to mineral oil, HFD-U and HETG, to acidic oils and gases, to cold water
- Applicable for static seals, rod and piston seals, wiper seals and rotary seals

Properties	Value	Unit	DIN Standard
Hardness	74 ±5	Shore A	DIN ISO 7619-1
Density	2,130	g/cm ³	DIN EN ISO 1183-1
100% Modulus	3,9	MPa	DIN 53504
Elongation at break	252	%	DIN 53504
Tensile strength	10,3	MPa	DIN 53504
Compression set 23°C/70h	8,6	%	DIN ISO 815-1
Compression set 150°C/22h	15,2	%	DIN ISO 815-1
Compression set 175°C/22h	16,2	%	DIN ISO 815-1
Rebound resilience	8	%	DIN ISO 4662:2017
Tear resistance	5,1	N/mm	DIN ISO 34-1 A
Abrasion resistance	209	mm ³	DIN ISO 4649 B
min. Service temperature	-25	°C	
max. Service temperature	+220	°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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