

# FPM 60 / 80-01-60000

60 ShA / bisphenolic crosslinked / black

- Fluorinated rubber
- Type A (approx. 66% fluorine)
- Standard material
- Specification according to Bosch Standard 596479 for FPM.
- Very good temperature resistance, high chemical resistance.
- Excellent resistance to ozone, ageing and weathering.

Property	Value	Unit	DIN Standard
Hardness	60 ±5	Shore A	DIN ISO 7619-1
Density	1,85 ±0,03	g/cm <sup>3</sup>	DIN EN ISO 1183-1 A
Elongation at break	≥ 200	%	DIN 53504
Tensile strength	≥ 10	N/mm <sup>2</sup>	DIN 53504
Compression set 150°C/24h	max. 15	%	DIN ISO 815-1 B
Rebound resilience	7	%	DIN ISO 53512
Tear resistance	5,7	N/mm	DIN ISO 34-1 A
Tear resistance	11,2	N/mm	DIN ISO 34-1 B
min. operating temperature	-20	°C	constantly
min. operating temperature static	-25	°C	in the cold
max. operating temperature	+210	°C	constantly
max. operating temperature short	+240	°C	couple of hours
Specification	Bosch Stand. 596479		

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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