

# FPM 80 / 80-01-80022

80 ShA / bisphenolic crosslinked / green

- Fluorinated rubber
- Type B (approx. 69% fluorine)
- Specification according to Voith VN3120
- Very good temperature resistance, high chemical resistance.
- Excellent resistance to ozone, ageing and weathering.

Property	Value	Unit	DIN Standard
Hardness	80 ±5	Shore A	DIN ISO 7619-1
Density	2,12 ±0,03	g/cm <sup>3</sup>	DIN EN ISO 1183-1
Elongation at break	≥ 100	%	DIN 53504
Tensile strength	≥ 12	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	4,8	N/mm	DIN ISO 34-1 A
Tear resistance	12,5	N/mm	DIN ISO 34-1 B
min. operating temperature	-17	°C	constantly
min. operating temperature	-22	°C	static in the cold
max. operating temperature	+210	°C	constantly
max. operating temperature short	+240	°C	couple of hours

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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