

EPDM 90 / 80-03-V9002

90 ShA / peroxide crosslinked / black

- Ethylene propylene diene rubber
- Terpolymer of ethylene, propylene and diene
- Mixture release according to DVGW worksheet W270 D1
- Excellent resistance to weathering, ageing, ozone, chemicals, hot water, steam.
- Very good heat resistance, good behaviour at low temperatures.

Property	Value	Unit	DIN Standard
Hardness	88 ±3	Shore A	DIN ISO 7619-1
Density	1,15	g/cm ³	DIN EN ISO 1183-1
Tensile strength at 100% elongation	9,4	N/mm ²	DIN 53504
Elongation at break	115	%	DIN 53504
Tensile strength	15,5	N/mm ²	DIN 53504
Compression set 70°C/24h	6,9	%	DIN ISO 815-1 B
Compression set 100°C/24h	5,9	%	DIN ISO 815-1 B
Rebound resilience	47	%	DIN ISO 53512
Tear resistance	3,6	N/mm	DIN ISO 34-1 A
Tear resistance	-45	°C	static
min. operating temperature	+125	°C	constantly
max. operating temperature	+150	°C	couple of hours

Confirmation according to DVGW worksheet W 270 D1

We hereby confirm that the above quality is suitable for use in contact with drinking water.

Mixture was tested according to KTW, this does not release from the component-related test.

Suitable for component testing according to the Elastomer Guideline for cold and hot water.

(Tests must be carried out by the user).

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.

Our applied technical advice, either oral, written or through tests is given according to our best knowledge. However, this information is to be considered as non-obligatory instruction, also in terms of any protective rights of a third party, and does not exempt you from testing our product in reference to its suitability for the intended process and purpose. Utilisation, application and processing of the products occur entirely outside of our control and are therefore exclusively your responsibility. However, should a case of liability come into question, it will be limited to all damages in the value of the product which we delivered and you used. By all means, we do warrant the impeccable quality of our products in accordance with our general sales and delivery conditions.