

Material name, short description	EPDM
Material name, based on technical standards	Ethylene-propylene-diene rubber
Material description / intended use	Elastomer with good resistance to hot water and vapour as well as UV and ozone.
Color	black
Compound code	EPDM 25.76-01
Old, but still valid compound code	EPDM 25.64-01
Crosslinking/curing agent	sulfur
Remarks	nitrosamine free, electric insulating acc. DIN IEC 60093

### Mechanical properties

Hardness nominal	25 ±5 Shore A DIN 53505
Density nominal	1 ±0.02 g/cm <sup>3</sup> DIN EN ISO 1183
Tensile strength	9 N/mm <sup>2</sup> DIN 53504
Elongation at break	700 % DIN 53504
Compression set	8 % DIN 53517 24 h, 70 °C

### Thermal properties

Operating temperature min.*	-60 °C
Operating temperature max.*	100 °C

\* Approximate value, dependent on the application

### Ozone test

Ozone concentration	50 pphm
Test standard	ISO 1431-1
Duration of test	72 h
Temperature during test	40 °C
Elongation during test	20 %
Relative humidity during test	72 %
Test result	PASSED

In compliance with **RoHS** and **REACH** directives.

This information is based on our available data. These values are measured on standard test specimens and are within the normal tolerance range of material properties and do not represent guaranteed property values. Therefore they shall not be used for specification purposes. The customer is solely responsible for quality and suitability of material for his application. He has to test usage and processing prior to use. Angst+Pfister makes no guarantees for the suitability of the material for any given application and assumes no obligation or liability in connection with the information provided above.