

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 60.309-01
Crosslinking/curing agent	Peroxide

Mechanical properties

Hardness nominal	60 ±5 Shore A EN ISO 868
Density nominal	1.18 ±0.02 g/cm ³ ISO 1183-1
Tensile strength	10 N/mm ² UNI 6065
Elongation at break	250 % UNI 6065
Compression set	20 % ISO 815 22 h, 100 °C
	70 % ISO 815 22 h, -25 °C
Tear resistance	25 N/mm ISO 34-1C

Thermal properties

Operating temperature min.*	-35 °C
Operating temperature max.*	120 °C

* Approximate value, dependent on the application

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.