

Material name, short description	NBR
Material name, based on technical standards	Acrylic-Butadiene-Rubber
Material description / intended use	Elastomer with good resistance to mineral oils & water
Color	black
Compound code	NBR 50.309-01
Crosslinking/curing agent	Sulfur
Remarks	ACN content 32%

Mechanical properties

Hardness nominal	50 ±5 Shore A ISO 48-4
Density nominal	1.15 ±0.02 g/cm ³ ASTM D 297
Tensile strength	7 N/mm ² ASTM D 412
Elongation at break	300 % ASTM D 412
Compression set	10 % ASTM D 395 22 h, 100 °C
Tear resistance	20 kN/m ASTM D 624-B

Thermal properties

Operating temperature min.*	-35 °C
Operating temperature max.*	110 °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.