

Material name, short description	CR
Material name, based on technical standards	Chloroprene elastomer
Material description / intended use	Allround-synthetic-elastomer
Color	black
Compound code	CR 60.309-01

Mechanical properties

Hardness nominal	60 ±0.5 Shore A DIN 53505
Hardness	61 Shore A
Density nominal	1.3 ±0.02 g/cm³ DIN 53479
Tensile strength	10 N/mm² DIN 53504
Elongation at break	250 % DIN 53504
Compression set	35 % DIN 53517 22 h, 70 °C
Tear resistance	25 N/mm ISO 34 C

Thermal properties

Operating temperature min.*	-30 °C
Operating temperature max.*	85 °C
Glass transition temperature	-35 °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.