

Material name, short description	SBR
Material name, based on technical standards	Styrene-butadiene rubber
Material description / intended use	Elastomer with high abrasion-resistance.
Color	black
Compound code	SBR 70.303-01
Crosslinking/curing agent	sulfur

### Mechanical properties

Hardness nominal	70 ±7 Shore A ISO 7619-1
Density	1.46 g/cm <sup>3</sup> ISO 1183-1
Tensile strength	4 N/mm <sup>2</sup> ISO 37-Typ 2
Elongation at break	200 % ISO 37-Typ 2
Compression set	50 % DIN ISO 815 22 h, 70 °C

### Thermal properties

Operating temperature min. static*	-30 °C
Operating temperature min. dynamic*	-10 °C
Operating temperature max.*	70 °C
Operating temperature max. short term*	90 °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.