

PRODUCT INFORMATION

NBR 60 SHA RUBBER SHEET P534

BENEFITS

NBR rubber sheet P534 consists of high-quality nitrile with good mechanical properties.

The rubber sheet has good resistance to oil and fuel (alcohol-free fuels) with up to 30% aromatics content.

The rubber sheet is SVHC free.

SPECIFICATION

Hardness Shore A ISO 7619-1	60 ShA +/-5
Density ISO 1183-1	~1,19 g/cm ³
Tensile Strength ISO 37 type 2	11 N/mm ²
Elongation at Break ISO 37 type 2	400%
ACN content	31%
Thickness range	1.0 - 30.0 mm
Width	1.400 mm
Length range Depending on thickness	5.000 - 20.000 mm

MATERIAL

- NBR, black, sulphur crosslinked

STABILITIES

- Oil resistance: good resistant
- Strong bases: resistant
- Fuel resistance (only alcohol-free): good resistant
- Acid resistance: resistant
- Ozone resistance: moderately resistant
- Weather resistance: moderately resistant
- Abrasion resistance: moderately resistant

Temperature range - Air dyn. (stat)	(-20°C) to 80°C Peak 100°C
Compression set DIN ISO 815 22 hours at 100°C	35%
Swelling ISO 1817 Medium: IRM 903, fuel B 72 hours at 100°C	5 ShA Hardness 10% Volume
Ageing ISO 188 72 hours at 100°C	5 ShA Hardness 10% Strength 25% Elongation

Correspond to WDK-guideline 2201 : 2020-10 "Quality characteristics of Elastomer sheets- and plates"