

PRODUCT INFORMATION

NBR 60 SHA RUBBER SHEET P627

BENEFITS

The NBR P627 rubber sheet is suitable for contact with foodstuff and can be used in the food industry and is especially applicable for fatty food.

The material is suitable for food contact according to:

FDA 21 CFR 177.2600

EC 1935/2004

German LFGB

Austrian LMSVG

MATERIAL

- NBR, Off-white, sulphur crosslinked
- IDno.: 2049

STABILITIES

- Oil resistance: resistant
- Strong bases: resistant
- Fuel resistance: non resistant
- Acid resistance: resistant
- Ozone resistance: non resistant
- Weather resistance: non resistant
- Abrasion resistance: moderately resistant

SPECIFICATION

Hardness Shore A ISO 7619-1	60 ShA +/-5
Density ISO 1183-1	~1,29 g/cm ³
Tensile Strength ISO 37 type 2	11 N/mm ²
Elongation at Break ISO 37 type 2	500%
ACN content	33%
Thickness range	1,0 - 10,0 mm
Width	1.400 mm
Length range Depending on thickness	5.000 - 20.000 mm

Working temperature range - Air dyn. (stat)	(-30°C) - 80°C / Peak 100°C
Compression set DIN ISO 815 22 hours at 100°C	35%
Ageing ISO 188 70 hours at 100°C	5 ShA hardness 20% strength 25% elongation
Swelling ISO 1817 Medium IRM 901 70 hours at 100°C	15 ShA hardness 20% volume

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