

# NBR

# P 627

- Ⓢ NBR-NR, white – specification
- Ⓢ food quality BgVV XXI (BGA), category 2, i.e for food contact periods under 24 hours, e.g. filler cap gaskets and other small-sized gaskets
- Ⓢ KTW: category D2 – small-sized gaskets, cold and warm water
- Ⓢ suitable for fatty food
- Ⓢ packaging see General Information

Hardness [Shore A]: 60 ±5  
 Density [g/cm<sup>3</sup>]: 1.32  
 Tensile strength [N/mm<sup>2</sup>]: 11  
 Elongation at break [%]: 500  
 Ozone resistance: non resistant  
 Weather resistance: non resistant  
 Oil resistance: moderately resistant  
 Benzine resistance: non resistant  
 Acid resistance: resistant  
 Strong bases: resistant  
 Abrasion resistance: moderately suitable

### WORKING TEMPERATURE RANGE

Medium	dyn. (stat.)	max.	short-term
Air	(-30) °C	+80 °C	+100 °C

### COMPRESSION SET DIN ISO 815

Duration	Temperature	CS
22 h	+100 °C	+35 %

### AGEING DIN 53508

Conditions	Hardness	Strength	Elongation
70 h/100 °C	+5 Shore A	-20 %	-25 %

### SWELLING DIN 53521

Medium	Conditions	Hardness	Volume
ASTM Oil 1	70 h/100 °C	-15 Shore A	+20 %

### ROTA-CURED-SHEETS

Article-number	Thickness mm	Width m	Length m	Surface	No. of insert.
4011 27100	1.0	1.4	20	S S	0
4011 27150	1.5	1.4	20	S S	0
4011 27200	2.0	1.4	20	S S	0
4011 27300	3.0	1.4	10	S S	0
4011 27400	4.0	1.4	10	S S	0
4011 27500	5.0	1.4	10	S S	0
4011 27600	6.0	1.4	10	S S	0
4011 27800	8.0	1.4	5	S S	0
4011 27000	10.0	1.4	5	S S	0

S = smooth

Please Note:

This catalogue has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operation conditions influence the application of each product, the information supplied in this catalogue can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether specified properties of our products are sufficient for the intended use. If there is any doubt (e.g. chemical resistance), do not hesitate to contact our qualified engineers. The use of our products is at the user's own risk. We do not have any influence concerning the application and individual usage. We do of course guarantee the quality of our products according to our general sales conditions, available on request.

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Subject to alteration without prior notice – All mentioned properties contained in this catalogue are guiding values representing longterm experience average.

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