





## NBR

## P 9639

-  NBR -SBR, black – commercial
-  for minor mechanical demands
-  not recommended for aromatic oils
-  packaging see General Information

Hardness [Shore A]:	50 ±5
Density [g/cm <sup>3</sup> ]:	ca. 1.25
Tensile strength [N/mm <sup>2</sup> ]:	5
Elongation at break [%]:	350
Ozone resistance:	non resistant
Weather resistance:	non resistant
Oil resistance:	resistant – no aromatic oils
Benzine resistance:	non resistant
Acid resistance:	moderately resistant
Strong bases:	moderately resistant
Abrasion resistance:	non suitable

## WORKING TEMPERATURE RANGE

Medium	dyn.(stat.)	max.	short-term
Air	(-10) °C	+70 °C	+90 °C

## COMPRESSION SET DIN ISO 815

Duration	Temperature	CS
22 h	+70 °C	+25 %

## AGEING DIN 53508

Conditions	Hardness	Strength	Elongation
70 h/70 °C	+ 7 Shore A	-15 %	-20 %

## SWELLING DIN 53521

Medium	Conditions	Hardness	Volume
ASTM Oil 1	70 h/100 °C	±10 Shore A	-5 %

## ROTA-CURED-SHEETS

Article-number	Thickness mm	Width m	Length m	Surface	No. of insert.
4011 37100	1.0	1.4	20	SS	0
4011 37150	1.5	1.4	20	SS	0
4011 37200	2.0	1.4	20	SS	0
4011 37300	3.0	1.4	10	SS	0
4011 37400	4.0	1.4	10	SS	0
4011 37500	5.0	1.4	10	SS	0
4011 37600	6.0	1.4	10	SS	0
4011 37800	8.0	1.4	5	SS	0

## PRESS-CURED-SHEETS

Article-number	Thickness mm	Width m	Length m	Surface	No. of insert.
4213 37100	10.0	1.4	5	SS	0
4213 37120	12.0	1.4	5	SS	0
4213 37150	15.0	1.4	5	SS	0
4213 37200	20.0	1.4	5	SS	0
4213 37250	25.0	1.4	5	SS	0
4213 37300	30.0	1.4	5	SS	0
4213 37400	40.0	1.4	5	SS	0

S = smooth

Please Note:

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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.

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

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