FOOD CONTACT MATERIAL

NBR P 627

General:

NBR, off-white, - PAH free
sulfur crosslinked
food quality
applicable for fatty food

*__BfR__ XXI category 2
This category contains commodities (articles and materials) that, when used as intended, come into contact with foodstuff for no more than 24 hours.
*__FDA__ 21 Food and Drugs Part 177.2600
Rubber articles intended for repeated use in contact with aqueous and fatty foods

Wrapping: stretched foil, labelled
standard finishing in talcum

*REACH-conform in accordance with EU 1272/2013
*PAH – meets GS cat.3 in full content

Properties:

Hardness [Shore A]:	ISO 7619-1	60±5
Density [g/cm³]:	ISO 1183-1	~1,29
Tensile Strength [N/mm²]:	ISO 37 type 2	11
Elongation at Break [%]:	ISO 37 type 2	500
ACN content		33%

correspond to WDK-guideline 2201: 2020-10 "Quality characteristics of Elastomer Sheeting"

Working temperature range

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

Compression set DIN ISO 815

Duration	Temperature	CS
22h	+100°C	35%

Ageing ISO 188

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

Swelling ISO 1817

Medium	Conditions	Hardness	Volume
IRM 901	70h / 100°C	15 Shore A	20 %

Stabilities:

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

ROTACURED-SHEETS product number	thickness mm	width mm	length mm
401127100	1,00	1.400	20.000
401124200	2,00	1.400	20.000
401124300	3,00	1.400	10.000
401124400	4,00	1.400	10.000
401124500	5,00	1.400	10.000
401124600	6,00	1.400	10.000
401124800	8,00	1.400	5.000
401124000	10,00	1.400	5.000

PAH disclaimer:
Referring to an international proficiency test and information received from the testing laboratories about accuracy of test results we may inform you, that test results for the same specimen from different laboratories may not correlate:
* Results of the 10 PAH with individual limits of < 1 mg/kg in the measurement range around the limit are only accurate to approx. ± 70%.
* Results of the overall limit of < 50 mg/kg are only accurate to approx. ± 35%
Our test results are provided on an as-is basis and to the best of our knowledge, without any legally binding commitment. Our tests do not release you from own tests as to the respective application envisaged.

Please note:
This datasheet 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 datasheet 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 warrant the quality of our products according to our General Sales Conditions, available on our website or on request. ©Copyright 2020 Semperit Technische Produkte GmbH

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