AAG NEOPRENE N506

technical data sheet

General:

CR-SBR, black, commercial
Sulphur crosslinked
Soft CR quality
Weather and ozone resistant

Wrapping: stretched foil, labelled
standard finishing in talcum

*SVHC-free

Properties:

Hardness [Shore A]:	ISO 7619-1	50±5
Density [g/cm³]:	ISO 1183-1	~1,31
Tensile Strength [N/mm²]:	ISO 37 type 2	6
Elongation at Break [%]:	ISO 37 type 2	350

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

Working temperature range

Medium	dyn.(stat.)	max.	short-term
Air water	-20 (-30)°C --	+70°C +70°C	+100°C +90°C

Compression set DIN ISO 815

Duration	Temperature	CS
22h	+70°C	35%

Ageing ISO 188

Conditions	Hardness	Strength	Elongation
70h / 70°C	7 Shore A	10 %	20 %

Swelling ISO 1817

Medium	Conditions	Hardness	Volume
IRM 901	70h / 100°C	5 Shore A	10 %

Stabilities:

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

ROTACURED SHEETS product number	Thickness mm	Width mm	Length mm
401104100	1,0	1.400	20.000
401104150	1,5	1.400	20.000
401104200	2,0	1.400	20.000
401104300	3,0	1.400	10.000
401104400	4,0	1.400	10.000
401104500	5,0	1.400	10.000
401104600	6,0	1.400	10.000
401104800	8,0	1.400	5.000
401104000	10,0	1.400	5.000

ROTACURED SHEETS product number	Thickness mm	Width mm	Length mm
421304120	12,0	1.400	5.000
421304150	15,0	1.400	5.000
421304200	20,0	1.400	5.000
421304250	25,0	1.400	5.000
421304300	30,0	1.400	5.000
421304400	40,0	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 qualitied 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