

AAG NITRIL P1495

technical data sheet



GENERAL

NBR-SBR, black - high-grade - PAH free
phtalate free
sulfur linked
good oil resistant
good fuel resistant (also suitable for unleaded fuel): 70h, 23°C
for medium mechanical demands
Wrapping: stretched foil, labelled
standard finishing in separation foil

*PAH - REACH-conform according to EU 1272/2013

*PAH - meets AfPS GS 2014 cat.3 "other products" in full content

PROPERTIES

Hardness [Shore A]:	ISO 7619-1	65 ±5
Density [g/cm ³]:	ISO 1183	1,45
Tensile strength [N/mm ²]:	ISO 37-S2	7
Elongation at break [%]:	ISO 37-S2	220

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	+40 %

OZONE RESISTANCE

CONDITIONS	HARDNESS	STRENGTH	ELOGATION
70 h / 100 °C	+7 Shore A	- 15 %	- 10 %

AGEING ISO 1817

MEDIUM	CONDITIONS	HARDNESS	VOLUME
IRM 903	70 h / + 100 °C	-5 Shore A	+ 10 %
Fuel B	70 h / + 23 °C		+ 20 %

AUMA-PLATTEN	THICKNESS	WIDTH	LENGTH
PRODUCT NUMBER	MM	MM	MM
02P10000HG01	1,0	1.400	20.000
02P10000HG02	2,0	1.400	20.000
02P10000HG03	3,0	1.400	10.000
02P10000HG04	4,0	1.400	10.000
02P10000HG05	5,0	1.400	10.000
02P10000HG06	6,0	1.400	10.000
02P10000HG08	8,0	1.400	5.000
02P10000HG10	10,0	1.400	5.000

STABILITIES

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

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.