

NBR/P 559

NBR, black - high-grade
Sulphur crosslinked
High quality nitrile with good mechanical properties
Good oil resistant - recommended for mineral oil based oils up to 30% aromatics content
Good fuel resistant (alcohol-free fuels)
*SVHC-free

Hardness [Shore A]:	ISO 48-4	70 ±5
Density [g/cm ³]:	ISO 1183-1	~1,49
Tensile strength [N/mm ²]:	ISO 37 type 2	10
Elongation at break [%]:	ISO 37 type 2	330
ACN content	33%	
correspond to WDK-guideline 2201 : 2020-10 "Quality characteristics of Elastomer sheets and plates"		
Ozone resistance:	non resistant	
Weather resistance:	non resistant	
Oil resistance:	good resistant	
Fuel resistance: (only alcohol-free fuels!)	good resistant	
Acid resistance:	moderately resistant	
Strong bases:	resistant	
Abrasion resistance:	moderately suitable	

WORKING TEMPERATURE RANGE

Medium	dyn. (stat.)	max.	short-term
Air	(-20) °C	+80 °C	+90 °C

AGEING ISO 188

Conditions	Hardness	Strength	Elongation
72 h/100°C	10 Shore A	10%	35%

ROTACURED SHEETS

Article nr.	Thickness mm	Width m	Length m
4011 62050	0.5	1.35	20
4011 62100	1.0	1.4	20
4011 62150	1.5	1.4	20
4011 62200	2.0	1.4	20
4011 62300	3.0	1.4	10
4011 62400	4.0	1.4	10
4011 62500	5.0	1.4	10
4011 62600	6.0	1.4	10
4011 62800	8.0	1.4	5
4011 62000	10.0	1.4	5

COMPRESSION SET DIN ISO 815

Duration	Temperature	CS
22 h	+100 °C	+40 %

SWELLING ISO 1817

Medium	Conditions	Hardness	Volume
IRM 903	70 h/100°C	5 Shore A	10 %
Fuel B	70h/30°C		20 %

PRESS-CURED SHEETS

Article nr.	Thickness mm	Width m	Length m
4213 62120	12.0	1.35	5
4213 62150	15.0	1.4	5
4213 62200	20.0	1.4	5
4213 62250	25.0	1.4	5
4213 62300	30.0	1.4	5

