

## NBR/P 534

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

Hardness [Shore A]:	ISO 7619-1	60 ±5
Density [g/cm <sup>3</sup> ]:	ISO 1183-1	~1,19
Tensile strength [N/mm <sup>2</sup> ]:	ISO 37 type 2	11
Elongation at break [%]:	ISO 37 type 2	400
ACN content	31%	
correspond to WDK-guideline 2201 : 2020-10 "Quality characteristics of Elastomer sheets and plates"		
Ozone resistance:	moderately resistant	
Weather resistance:	moderately resistant	
Oil resistance:	good resistant	
Fuel resistance: (only alcohol-free fuels!)	good resistant	
Acid resistance:	resistant	
Strong bases:	resistant	
Abrasion resistance:	moderately suitable	

### WORKING TEMPERATURE RANGE

Medium	dyn. (stat.)	max.	short-term
Air	(-20) °C	+80 °C	+100 °C

### AGEING ISO 188

Conditions	Hardness	Strength	Elongation
72 h/100°C	5 Shore A	10%	25%

### ROTACURED SHEETS

Article nr.	Thickness mm	Width m	Length m
4011 34100	1.0	1.4	20
4011 34150	1.5	1.4	20
4011 34200	2.0	1.4	20
4011 34300	3.0	1.4	10
4011 34400	4.0	1.4	10
4011 34500	5.0	1.4	10
4011 34600	6.0	1.4	10
4011 34800	8.0	1.4	5
4011 34000	10.0	1.4	5

### COMPRESSION SET DIN ISO 815

Duration	Temperature	CS
22 h	+100 °C	35 %

### SWELLING ISO 1817

Medium	Conditions	Hardness	Volume
IRM 903	72 h/100°C	5 Shore A	10 %

### PRESS-CURED SHEETS

Article nr.	Thickness mm	Width m	Length m
4213 34120	12.0	1.4	5
4213 34150	15.0	1.4	5
4213 34200	20.0	1.4	5
4213 34250	25.0	1.4	5
4213 34300	30.0	1.4	5