

EPDM/E 4580

EPDM, black - high grade
Sulphur crosslinked
Good weather and ozone resistant
Meets various automotive standards, e.g. VW 2.8.1 G50, please contact our sales office for particular information
*SVHC-free

Hardness [Shore A]:	ISO 7619-1	50 ±5
Density [g/cm ³]:	ISO 1183-1	~1,04
Tensile strength [N/mm ²]:	ISO 37 type 2	8
Elongation at break [%]:	ISO 37 type 2	500
correspond to WDK-guideline 2201 : 2020-10 "Quality characteristics of Elastomer sheets and plates"		
Ozone resistance:	good resistant	
Weather resistance:	good resistant	
Oil resistance:	non resistant	
Fuel resistance:	non resistant	
Acid resistance:	resistant	
Strong bases:	good resistant	
Abrasion resistance:	moderately resistant	

WORKING TEMPERATURE RANGE

Medium	dyn. (stat.)	max.	short-term
Air	-40 (-50) °C	+100 °C	+120 °C
Water	-	+110 °C	+130 °C

AGEING ISO 188

Conditions	Hardness	Strength	Elongation
70 h/100°C	5 Shore A	10%	30%

ROTACURED SHEETS

Article nr.	Thickness mm	Width m	Length m
4011 58100	1.0	1.4	20
4011 58200	2.0	1.4	20
4011 58300	3.0	1.4	10
4011 58400	4.0	1.4	10
4011 58500	5.0	1.4	10
4011 58600	6.0	1.4	10
4011 58800	8.0	1.4	5
4011 58000	10.0	1.4	5

COMPRESSION SET DIN ISO 815

Duration	Temperature	CS
22 h	+100 °C	45 %
22 h	+70 °C	25 %

OZONE RESISTANCE ISO 1431-1

Duration	pphm Ozone	Temperature	Crack level
48 h	200 pphm	40 °C	0 (= no cracks)

PRESS-CURED SHEETS

Article nr.	Thickness mm	Width m	Length m
4213 58120	12.0	1.4	5
4213 58150	15.0	1.4	5
4213 58200	20.0	1.4	5
4213 58250	25.0	1.4	5
4213 58300	30.0	1.4	5
4213 58400	40.0	1.4	5