

# EPDM

# E 4580

- Ⓢ EPDM, black – high grade
- Ⓢ high quality, 50 Shore, cross-linked by sulphur
- Ⓢ good weather and ozone resistant
- Ⓢ meets various automotive standards, e.g. VW 2.8.1 G50, please contact our sales office for particular confirmations for specific automotive standards
- Ⓢ feather white dusting
- Ⓢ packaging see General Information

Hardness [Shore A]:	50 ±5
Density [g/cm <sup>3</sup> ]:	1.05
Tensile strength [N/mm <sup>2</sup> ]:	8
Elongation at break [%]:	500
Ozone resistance:	good resistant
Weather resistance:	good resistant
Oil resistance:	non resistant
Benzine resistance:	non resistant
Acid resistance:	resistant
Strong bases:	good resistant
Abrasion resistance:	moderately suitable

### WORKING TEMPERATURE RANGE

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

### COMPRESSION SET DIN ISO 815

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

### AGEING DIN 53508

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

### OZONE RESISTANCE

Duration	pphm Ozone	Temperature	Crack Level
48 h	200 pphm	40 °C	0

### ROTA-CURED-SHEETS

Article-number	Thickness mm	Width m	Length m	Surface	No. of insert.
4011 58100	1.0	1.4	20	S S	0
4011 58150	1.5	1.4	20	S S	0
4011 58200	2.0	1.4	20	S S	0
4011 58300	3.0	1.4	10	S S	0
4011 58400	4.0	1.4	10	S S	0
4011 58500	5.0	1.4	10	S S	0
4011 58600	6.0	1.4	10	S S	0
4011 58800	8.0	1.4	5	S S	0

### PRESS-CURED-SHEETS

Article-number	Thickness mm	Width m	Length m	Surface	No. of insert.
4213 58100	10.0	1.4	5	S S	0
4213 58120	12.0	1.4	5	S S	0
4213 58150	15.0	1.4	5	S S	0
4213 58200	20.0	1.4	5	S S	0
4213 58250	25.0	1.4	5	S S	0
4213 58300	30.0	1.4	5	S S	0
4213 58400	40.0	1.4	5	S S	0

S = smooth

Please Note:

This catalogue 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 catalogue 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 guarantee the quality of our products according to our general sales conditions, available on request.

22.8.2003

Subject to alteration without prior notice – All mentioned properties contained in this catalogue are guiding values representing longterm experience average.

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