

# ABRASION

# SEMPERPRALL

- Ⓢ NR-SBR, black – high-grade
- Ⓢ wear resistant quality, with 1 or 2 EP insertions, 60 Shore
- Ⓢ moderately weather resistant
- Ⓢ antistatic – specific current flow resistance tested according to VDE 0303-30: 1993 < 1 MegaOhm\*cm
- Ⓢ the EP-insertion makes Semperprall particularly suitable for installations, whose characteristics require the use of self-supporting wear resistant sheeting
- Ⓢ thickness tolerances: up to 6 mm thickness according to DIN 7715 P3; over 6 mm according to ISO 3302 ST3
- Ⓢ packaging see General Information

Hardness [Shore A]:	60 ±5
Density [g/cm <sup>3</sup> ]:	1.15
Tensile strength [N/mm <sup>2</sup> ]:	15
Elongation at break [%]:	400
Abrasion [mm <sup>3</sup> ]:	120 (10 N)
Ozone resistance:	moderately resistant
Weather resistance:	moderately resistant
Oil resistance:	non resistant
Benzine resistance:	non resistant
Acid resistance:	moderately resistant
Strong bases:	resistant
Abrasion resistance:	good suitable

### WORKING TEMPERATURE RANGE

Medium	dyn. (stat.)	max.	short-term
Air	-30 (-35) °C	+70 °C	+90 °C

### COMPRESSION SET DIN ISO 815

Duration	Temperature	CS
22 h	70 °C	30 %

### AGEING DIN 53508

Conditions	Hardness	Strength	Elongation
70h/70 °C	+5 Shore A	-10 %	-15 %

### ROTA-CURED-SHEETS

Article-number	Thickness mm	Width m	Length m	Surface	No. of insert.
3665 21408	8	1.4	5	SS	1
3647 21410	10	1.4	5	SS	1

### PRESS-CURED-SHEETS

Article-number	Thickness mm	Width m	Length m	Surface	No. of insert.
3647 21415	15	1.4	5	SS	1
3647 21420	20	1.4	5	SS	1
3647 21425	25	1.4	5	SS	1
3647 22410	15	1.4	5	SS	2
3647 22415	20	1.4	5	SS	2
3647 22420	25	1.4	5	SS	2

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.

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

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GENERAL INFORMATION  
 CHEMICAL RESISTANCE TABLE  
 NR-SBR  
 PARA  
 NBR  
 CR  
 EPDM  
 SPECIALS  
 FOOD- & DRINKING WATER GRADES  
 INSULATING MATTING  
 INDUSTRIAL MATTING  
 WEAR RESISTANT SHEETING