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# **SEMPERIT S**

# CR N 9581

S CR-SBR, black - commercial

S excellent ratio of price and performance

S moderately weather resistant,

S for minor mechanical demands

 special manufacture – please note minimum order quantity

S packaging see General Information

Hardness [Shore A]:  $65 \pm 5$ Density [g/cm<sup>3</sup>]: approx. 1.4

Tensile strength [N/mm²]: 6 Elongation at break [%]: 200

Ozone resistance: moderately resistant Weather resistance: moderately resistant

Oil resistance: non resistant Benzine resistance: non resistant

Acid resistance: moderately resistant
Strong bases: moderately resistant

Abrasion resistance: non suitable

### **WORKING TEMPERATURE RANGE**

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

#### **COMPRESSION SET DIN ISO 815**

Duration	Temperature	CS
22 h	70 °C	40 %

## AGEING DIN 53508

Conditions	Hardness	Strength	Elongation
70 h/70 °C	+7 Shore A	-15 %	-25 %

#### **ROTA-CURED-SHEETS**

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Thickness	Width	Length	Surface	No. of
mm	m	m		insert.
1.0	1.4	20	SS	0
1.5	1.4	20	SS	0
2.0	1.4	20	SS	0
3.0	1.4	10	SS	0
4.0	1.4	10	SS	0
5.0	1.4	10	SS	0
6.0	1.4	10	SS	0
8.0	1.4	5	SS	0
10.0	1.4	5	SS	0
	mm 1.0 1.5 2.0 3.0 4.0 5.0 6.0 8.0	1.0 1.4 1.5 1.4 2.0 1.4 3.0 1.4 4.0 1.4 5.0 1.4 6.0 1.4 8.0 1.4	mm         m         m           1.0         1.4         20           1.5         1.4         20           2.0         1.4         20           3.0         1.4         10           4.0         1.4         10           5.0         1.4         10           6.0         1.4         10           8.0         1.4         5	mm         m         m         m           1.0         1.4         20         S S           1.5         1.4         20         S S           2.0         1.4         20         S S           3.0         1.4         10         S S           4.0         1.4         10         S S           5.0         1.4         10         S S           6.0         1.4         10         S S           8.0         1.4         5         S S

#### PRESS-CURED-SHEETS

Thickness	Width	Length	Surface	No. of
mm	m	m	0.0	insert.
				U
15.0	1.4	5	SS	0
20.0	1.4	5	SS	0
25.0	1.4	5	SS	0
30.0	1.4	5	SS	0
40.0	1.4	5	SS	0
50.0	1.4	5	SS	0
	mm 12.0 15.0 20.0 25.0 30.0 40.0	mm m 12.0 1.4 15.0 1.4 20.0 1.4 25.0 1.4 30.0 1.4 40.0 1.4	mm m m m m 12.0 1.4 5 15.0 1.4 5 20.0 1.4 5 25.0 1.4 5 30.0 1.4 5 40.0 1.4 5	12.0     1.4     5     S S       15.0     1.4     5     S S       20.0     1.4     5     S S       25.0     1.4     5     S S       30.0     1.4     5     S S       40.0     1.4     5     S S

S = smooth

ease Note: 22.8.200

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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