

# SBR RUBBER

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## SBR SHEETING: STANDARD LEVEL QUALITY

### FEATURES

Standard SBR for general purpose use.

### ADVANTAGES

- Flexible
- Good ageing resistance
- Good low temperature resistance
- Good ratio quality/price

### BENEFITS

- Reliability
- Economy

### APPLICATIONS

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with:

- water (maximum temperature + 70 °C)
- oil free compressed air

## MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
<b>MECHANICAL</b>				
<i>Rubber compound - black</i>			SBR	
<i>Density</i>			1.35 ± 0.05	g/cm <sup>3</sup>
<i>Hardness</i>	ASTM D2240		65 ± 5	Shore A
<i>Tensile strength</i>	ISO 37		≥ 4	MPa
<i>Elongation at break</i>	ISO 37		≥ 200	%
<i>Tear resistance</i>	ISO 34-1		≥ 15	N/mm
<i>Compression set after 22 h at 70 °C</i>	ISO 815-1		≤ 30	%
<b>TEMPERATURE</b>				
<i>Working temperature</i>			- 25/+ 70	°C
<b>CHEMICAL RESISTANCE</b>				
<i>Diluted acids and bases</i>	<i>Concentrated acids and bases</i>	<i>Ozone</i>	<i>Oils and hydrocarbons</i>	
<b>Very good</b>	<b>Good</b>	<b>Good</b>	<b>Non suitable</b>	

## DIMENSIONS

Thickness (mm)	Width (mm)	Length (m)	Weight (kg/m <sup>2</sup> )	Sides finish	Option (ply)	
1	± 0.3	1400 ± 2 %	20 ± 2 %	1.35	2 smooth sides	
1.5	± 0.3	1400 ± 2 %	15 ± 2 %	2.03	2 smooth sides	
2	± 0.3	1400 ± 2 %	15 ± 2 %	2.70	2 smooth sides	1P
3	± 0.3	1400 ± 2 %	10 ± 2 %	4.05	2 smooth sides	1P 2P
4	± 0.4	1400 ± 2 %	10 ± 2 %	5.40	2 smooth sides	1P 2P
5	± 0.4	1400 ± 2 %	10 ± 2 %	6.75	2 smooth sides	1P 2P
6	± 0.5	1400 ± 2 %	10 ± 2 %	8.10	2 smooth sides	1P 2P
8	± 0.7	1400 ± 2 %	5 ± 2 %	10.80	2 smooth sides	2P
10	± 1.0	1400 ± 2 %	5 ± 2 %	13.50	2 smooth sides	2P

## IDENTIFICATION

<i>Branding</i>	Without.
<i>Packaging</i>	Thickness ≤ 6 mm rolled on cardboard tube Ø 80 mm. Thickness > 6 mm in roll.
<i>Wrapping</i>	Black polyethylene film.
<i>Labelling</i>	Self-adhesive label indicating product name, dimensions, area in m <sup>2</sup> , nominal weight, and product code to allow product traceability.