

# R661 NR/SBR

16/07/2014



## WHITE SBR SHEETING: STANDARD LEVEL QUALITY

### FEATURES

White standard SBR.

### ADVANTAGES

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

### BENEFITS

- Economy
- Hygiene, cleanliness

### APPLICATIONS

Gaskets or washers cutting and manufacturing of pieces for general purpose applications.

[www.trelleborg.com/elastomerlaminates](http://www.trelleborg.com/elastomerlaminates)

## MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
<b>MECHANICAL</b>				
<i>Rubber compound - white</i>			NR/SBR	○
<i>Density</i>			1.67 ± 0.05	g/cm <sup>3</sup>
<i>Hardness</i>		ASTM D2240	68 ± 5	Shore A
<i>Tensile strength</i>		ISO 37	≥ 5	MPa
<i>Elongation at break</i>		ISO 37	≥ 220	%
<i>Tear resistance</i>		ISO 34-1	≥ 12	N/mm
<i>Compression set after 22 h at 70 °C</i>		ISO 815-1	≤ 55	%
<b>TEMPERATURE</b>				
<i>Working temperature</i>			- 25/+ 70	°C
<b>AGEING</b>				
<i>Δ Hardness after 70 h at 70 °C</i>		ASTM D573	≤ 5	Shore A
<i>Δ Tensile strenght after 70 h at 70 °C</i>		ASTM D573	≤ - 15	%
<i>Δ Elongation at break after 70 h at 70 °C</i>		ASTM D573	≤ - 25	%
<b>CHEMICAL RESISTANCE</b>				
<i>Diluted acids and bases</i>		<i>Concentrated acids and bases</i>	<i>Ozone</i>	<i>Oils and hydrocarbons</i>
Very good		Good	Good	Non suitable

## DIMENSIONS

Thickness (mm)	Width (mm)	Length (m)	Weight (kg/m <sup>2</sup> )	Sides finish
1 ± 0.3	1400 ± 2 %	20 ± 2 %	1.67	2 smooth sides
2 ± 0.3	1400 ± 2 %	15 ± 2 %	3.34	2 smooth sides
3 ± 0.3	1400 ± 2 %	10 ± 2 %	5.01	2 smooth sides
4 ± 0.4	1400 ± 2 %	10 ± 2 %	6.68	2 smooth sides
5 ± 0.4	1400 ± 2 %	10 ± 2 %	8.35	2 smooth sides

## 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.