

R661 NR/SBR

white | density 1.67 | hardness 68

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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.

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MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
MECHANICAL				
<i>Rubber compound</i>			NR/SBR	
<i>Density</i>			1.67 ± 0.05	g/cm ³
<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	%
TEMPERATURE				
<i>Working temperature</i>			- 25/+ 70	°C
AGEING				
<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	%
CHEMICAL RESISTANCE				
<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 ²)	Pattern
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 ² , nominal weight, and product code to allow product traceability.