



SBR SHEETING BASIC QUALITY

FEATURES

Basic quality level SBR for general purpose use.

ADVANTAGES

- Flexible
- Good ageing resistance
- Good low temperature resistance
- Reduce the cost of cutting gaskets, washers, etc.
- Good ratio quality/price

BENEFITS

- Economy

APPLICATIONS

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

- Water
- Oil free compressed air

TYPICAL PHYSICAL PROPERTIES

Measured characteristics	Standard	Value	
MECHANICAL			
<i>Rubber compound - black</i>		SBR	●
<i>Density</i>		1.50 ± 0.05	g/cm ³
<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	≥ 12	N/mm
<i>Compression set after 22 h at 70 °C</i>	ISO 815-1	≤ 43	%
TEMPERATURE			
<i>Working temperature</i>		- 25/+ 70	°C
AGEING			
<i>Δ Hardness after 70 h at 70 °C</i>	ASTM D573	≤ 10	Shore A
<i>Δ Tensile strenght after 70 h at 70 °C</i>	ASTM D573	≤ 20	%
<i>Δ Elongation at break after 70 h at 70 °C</i>	ASTM D573	≤ 40	%
CHEMICAL RESISTANCE			
<i>Diluted acids and bases</i>	<i>Concentrated acids and bases</i>	<i>Ozone</i>	<i>Oils and hydrocarbons</i>
Medium	Non suitable	Medium	Non suitable

DIMENSIONS

Thickness (mm)	Width (mm)	Length (m)	Weight (kg/m ²)	Sides finish	Option (ply)
1	± 0.3	1400 ± 2 %	20 ± 2 %	1.55	2 smooth sides
1.5	± 0.3	1400 ± 2 %	15 ± 2 %	2.33	2 smooth sides 1P
2	± 0.3	1400 ± 2 %	15 ± 2 %	3.10	2 smooth sides 1P
3	± 0.3	1400 ± 2 %	10 ± 2 %	4.65	2 smooth sides 1P 2P
4	± 0.4	1400 ± 2 %	10 ± 2 %	6.20	2 smooth sides 1P 2P
5	± 0.4	1400 ± 2 %	10 ± 2 %	7.75	2 smooth sides 1P 2P
6	± 0.5	1400 ± 2 %	10 ± 2 %	9.30	2 smooth sides 1P 2P
8	± 0.7	1400 ± 2 %	5 ± 2 %	12.40	2 smooth sides 2P
10	± 1.0	1400 ± 2 %	5 ± 2 %	15.50	2 smooth sides 2P
12	± 1.0	1400 ± 2 %	5 ± 2 %	18.60	2 smooth sides
15	± 1.0	1400 ± 2 %	5 ± 2 %	23.25	2 smooth sides
20	± 1.4	1400 ± 2 %	5 ± 2 %	31.00	2 smooth sides

IDENTIFICATION

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

Warranty exclusion

In view of the variety of different installation and operation conditions as well as application and process engineering options, the information given in this datasheet can only provide approximate guidance and cannot be used as basis for warranty claims.