

CAUCHO SBR

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

FEATURES

Basic quality level SBR for general purpose use.

APPLICATIONS

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

- water
- oil free compressed air

ADVANTAGES

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

BENEFITS

- Economy

Measured characteristics		Standard	Value	
MECHANICAL				
Rubber compound - black			SBR	●
Density			1.50 ±0.05	g/cm ³
Hardness	ASTM D2240		65 ±5	Shore A
Tensile strength	ISO 37		≥4	MPa
Elongation at break	ISO 37		≥200	%
Tear resistance	ISO 34-1		≥12	N/mm
Compression set after 22h at 70 °C	ISO 815-1		≤43	%
TEMPERATURE				
Working temperature			-25/+70	°C
AGEING				
Δ Hardness after 70h at 70 °C	ASTM D573		≤10	Shore A
Δ Tensile strength after 70h at 70 °C	ASTM D573		≤-20	%
Δ Elongation at break after 70h at 70 °C	ASTM D573		≤-40	%
CHEMICAL RESISTANCE				
Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons	
Medium	Non suitable	Medium	Non suitable	
IDENTIFICATION				
Branding	Without.			
Packaging	Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.			
Wrapping	Black polyethylene film.			
Labelling	Self-adhesive label indicating product name, dimensions, area in m2, nominal weight, and product code to allow product traceability.			