

MECHANICAL

Value



FEATURES

Natural rubber, para quality, translucent, with excellent mechanical properties.

ADVANTAGES

- · Good properties to support high mechanical strains
- · Great elasticity allowing important deformations
- · Resistance to fine grained particles wear projection (sand, blasting)
- Good electrical properties
- · Good resistance to acids, bases and salts
- · Good ratio quality/price

BENEFITS

- Functionality
- Comfort
- · Service life
- Economy

APPLICATIONS

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

- maximum temperature 50 °C: water, water washing, alkaline and salt solutions, acids and oxidizing non oxidizing, alkali base concentration ≤ 50 %, non food alcohol
- maximum temperature 20 °C: acetones

Cutting into skirtboard and scrappers for conveyors belts, rubber sleeves, etc.

Mineral processing equipment linings, such as operating cyclones, hydrocyclones and sand treatment processes.

www.trelleborg.com/elastomerlaminates

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES Measured characteristics

Standard

Rubber compound - beige					NR	
Density					1.00 ± 0.05	g/cm ³
Hardness				240	43 ± 5	Shore A
Tensile strength				7	≥ 20	MPa
Elongation at break				7	≥ 650	%
Tear resistance				-1	≥30	N/mm
Abrasion resistance (5 N)				49	≤80	mm³
Compression set after 22 h at 70 °C				5-1	≤30	%
Working temperature					- 40/+ 80	°C
Hardness after 70 h at 70 °C			ASTM D	573	≤ 5	Shore A
Δ Tensile strenght after 70 h at 70 °C			ASTM D	573	≤ - 15	%
Δ Elongation at break after 70 h at 70 °C				573	≤ - 25	%
luted acids and bases Concentrated acids and bases			s Ozon	e	Oils and hydrocarbons	
Good		Mediu	ım	Non suitable		
dth	Length		Weight		Sides finish	
ım)	(n	n)	(1 / 2)			
			(kg/m^2)			
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Branding	Without.
Packaging	Thickness \leq 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 m², nominal weight, and product code to allow product traceability.