

16/07/2014



FEATURES

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

ADVANTAGES

- Very good mechanical properties (tensile strength, tear resistance, etc.) and at the same time, easy material to work with
- · 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

0			Measured characteristics			Standa	Standard			
МЕСНА	NICAL		Measurea characteristics			Standard		value		
			Rubber compound - beige					NR		
			Kubbe	г сотро				1.05 ± 0.05	g/cm ³	
			Density Hardness				2240	45 ± 5	Shore A	
			Tensile strength						MPa	
						ISO 3		≥ 16	WIPa %	
	Elongation at break							≥ 600		
			Tear resistance					≥ 25	N/mm	
			Abrasion resistance (5 N)					≤ 85	mm³	
Compression set after 22 h at 70 °C						ISO 81	5-1	≤30	%	
TEMPE	RATURE									
			Working temperature					- 40/+ 85	°C	
AGEING										
Δ			A Hardness after 70 h at 70 °C				573	≤5	Shore A	
	Δ Tensile strenght after 70 h at 70 °C						573	≤ - 15	%	
Δ Elongation at break after 70 h at 70 °C						ASTM D	573	≤-25	%	
CHEMICAL RESISTANCE										
Diluted acids and bases		Concentrated acids and bases			Ozone		Oils and hydrocarbons			
1	Very good		Good			Medium		Non suitable		
DIMENSIONS										
Thickness (mm)		Width (mm)		Length (m)		Weight (kg/m²)		Sides finish		
1	± 0.3	1400	± 2 %	20	± 2 %	1.05		2 smooth sid	es	
1.5	± 0.3	1400	± 2 %	15	± 2 %	1.58		2 smooth sid	es	
2	± 0.3	1400	± 2 %	15	± 2 %	2.10		2 smooth sid	es	
3	± 0.3	1400	± 2 %	10	± 2 %	3.15		2 smooth sid	es	
4	± 0.4	1400	± 2 %	10	± 2 %	4.20		2 smooth sid	es	
5	± 0.4	1400	± 2 %	10	± 2 %	5.25		2 smooth sid	es	
6	± 0.5	1400	± 2 %	10	± 2 %	6.30		2 smooth sid	es	
8	± 0.7	1400	± 2 %	5	± 2 %	8.40		2 smooth sid	es	

± 1.75 **IDENTIFICATION**

± 1.0

 ± 1.0

± 1.0

± 1.4

1400

1400

1400

1400

1400

± 2 %

+2%

±2%

± 2 %

± 2 %

5

5

5

10

12

15

20

25

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 m ² , nominal weight, and product code to allow product traceability.				

± 2 %

± 2 %

±2%

± 2 %

± 2 %

10.50

12.60

15.75

21.00

26.25

2 smooth sides

2 smooth sides

2 smooth sides

2 smooth sides

2 smooth sides