16/07/2014



FEATURES

Standard EPDM.

ADVANTAGES

- Very good resistance to ozone
- Good ageing resistance
- Good temperature resistance
- Good ratio quality/price

BENEFITS

- Service life
- Economy

APPLICATIONS

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with water, oxidizing and non oxidizing diluted acids.

www.trelleborg.com/elastomerlaminates

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

MECHA	NICAL								
	Rubber compound - black							EPDM	
Density								1.30 ± 0.05	g/cm ³
Hardness						ASTM D2	2240	65 ± 5	Shore A
Tensile strength						ISO 3	7	≥5	MPa
Elongation at break						ISO 3	7	≥ 200	%
Tear resistance						ISO 34	l-1	≥ 20	N/mm
	Compression set after 22 h at 70 °C					ISO 815-1		≤ 40	%
Compression set after 22 h at 100 °C						ISO 815-1		≤ 60	%
TEMPE	RATURE								
			Working temperature					- 25/+ 120	°C
AGEING	ì								
Δ Tensi			le strenght after 70 h at 70 °C			ASTM D573		≤-30	%
Δ Elongation at break after 70 h at 70 °C					ASTM D	573	≤-50	%	
Ozone resistance, 200 pphm, 48 h, 40 °C, 20 %							ISO 1431-1 No crack method A		ack
СНЕМІ	CAL RESIS	STANCE							
Diluted acids and bases			Concentrated acids and bases			Ozone		Oils and hydrocarbon	
Very good		Medium			Very good		Non suitable		
DIME	ENGIO								
	=142101	NS							
	kness		dth	Lei	ngth	Weight		Sides finish	
Thic		Wi	dth em)		ngth m)	Weight (kg/m²)		Sides finish	
Thic	kness	Wi			0	0		Sides finish	
Thic	kness ım)	Wi (m	m)	(1	m)	(kg/m^2)			es
Thic (n	kness nm) ± 0.3	Wi (m	tm) ± 2 %	20	m) ± 2 %	(kg/m²) 1.30		2 smooth side	es es
Thic (m. 1.5	kness nm) ± 0.3 ± 0.3	Wi (m 1400 1400	± 2 % ± 2 %	20 15	± 2 % ± 2 %	(kg/m²) 1.30 1.95		2 smooth side	es es
Thic (n. 1 1.5 2	kness nm) ± 0.3 ± 0.3 ± 0.3	Wi (m 1400 1400 1400	± 2 % ± 2 % ± 2 %	20 15 15	± 2 % ± 2 % ± 2 %	(kg/m²) 1.30 1.95 2.60		2 smooth side 2 smooth side 2 smooth side	es es es
Thic (m) 1 1.5 2 3	kness nm) ± 0.3 ± 0.3 ± 0.3 ± 0.3	Wi (m 1400 1400 1400	± 2 % ± 2 % ± 2 % ± 2 %	20 15 15 10	m) ± 2 % ± 2 % ± 2 % ± 2 %	(kg/m²) 1.30 1.95 2.60 3.90		2 smooth sid 2 smooth sid 2 smooth sid 2 smooth sid	es es es es
Thic (m) 1 1.5 2 3 4	kness nm) ± 0.3 ± 0.3 ± 0.3 ± 0.3	Wi (m 1400 1400 1400 1400	± 2 % ± 2 % ± 2 % ± 2 % ± 2 %	20 15 15 10 10	# 2 %	(kg/m²) 1.30 1.95 2.60 3.90 5.20		2 smooth sid 2 smooth sid 2 smooth sid 2 smooth sid 2 smooth sid	es es es es
Thic (n) 1 1.5 2 3 4 5	kness nm) ± 0.3 ± 0.3 ± 0.3 ± 0.3 ± 0.4	Wi (m 1400 1400 1400 1400 1400	± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 %	20 15 15 10 10	m) ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 %	(kg/m²) 1.30 1.95 2.60 3.90 5.20 6.50		2 smooth sid 2 smooth sid 2 smooth sid 2 smooth sid 2 smooth sid 2 smooth sid	es es es es es
Thic (m) 1 1.5 2 3 4 5 6	kness 1m) ± 0.3 ± 0.3 ± 0.3 ± 0.3 ± 0.4 ± 0.4	Wi (m) 1400 1400 1400 1400 1400 1400 1400	± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 %	20 15 15 10 10 10	m) ±2% ±2% ±2% ±2% ±2% ±2% ±2%	(kg/m²) 1.30 1.95 2.60 3.90 5.20 6.50 7.80		2 smooth sid 2 smooth sid 2 smooth sid 2 smooth sid 2 smooth sid 2 smooth sid 2 smooth sid	es es es es es es
Thic (m) 1 1.5 2 3 4 5 6 8	thness (mm) ± 0.3 ± 0.3 ± 0.3 ± 0.4 ± 0.4 ± 0.5 ± 0.7	1400 1400 1400 1400 1400 1400 1400 1400	± 2 % ± 2 %	20 15 15 10 10 10 10	m) ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 %	(kg/m²) 1.30 1.95 2.60 3.90 5.20 6.50 7.80 10.40		2 smooth sid 2 smooth sid	es e
Thic (m) 1 1.5 2 3 4 5 6 8 10	kness hm) ± 0.3 ± 0.3 ± 0.3 ± 0.4 ± 0.4 ± 0.5 ± 0.7 ± 1.0	Wi (m) 1400 1400 1400 1400 1400 1400 1400 140	m) ±2% ±2% ±2% ±2% ±2% ±2% ±2% ±2%	20 15 15 10 10 10 10 5	m)	(kg/m²) 1.30 1.95 2.60 3.90 5.20 6.50 7.80 10.40 13.00		2 smooth sid 2 smooth sid	es es es es es es es
Thic (n) 1 1.5 2 3 4 5 6 8 10 12	kness hm) ± 0.3 ± 0.3 ± 0.3 ± 0.3 ± 0.4 ± 0.4 ± 0.5 ± 0.7 ± 1.0	Wi (m) 1400 1400 1400 1400 1400 1400 1400 140	## (m) ## 2 % ## 2 % ## 2 % ## 2 % ## 2 % ## 2 % ## 2 % ## 2 % ## 2 % ## 2 % ## 2 %	20 15 15 10 10 10 10 5 5	m) ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 % ± 2 %	(kg/m²) 1.30 1.95 2.60 3.90 5.20 6.50 7.80 10.40 13.00 15.60		2 smooth sid 2 smooth sid	es e

IDENTIFICATION

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.