

MATERIAL RACLOPREMA 430

Yellow rubber, abrasion resistant for the coating of toothed belts

TECHNICAL FEATURES

Excellent mechanical properties: tensile strength, elongation at break, tear propagation resistance, abrasion resistance, etc.
 Excellent resistance to fine-grained media, protection against abrasive media: sand, sandblasting, fine media, sanding dust etc.
 High flexibility and elasticity.
 Corrosion protection.
 Reduction of the influence of noise and vibration.
 Can also be made with contact layer to be fixed cold or on a metal plate.

ADVANTAGES

Execution.
 Profitability: Reduces production downtime and maintenance costs.
 Long service life: reduces costs / hour.
 Security.
 reliability


APPLICATION

Lining of containers, e.g. Funnels, gutters, conveyor belts, pump housings, tanks, silos etc. to avoid wear due to very aggressive products such as:

- Boulders, wood and chemical products.
- Fine-grained media.
- Chemical products.
- medium to high density media.
- Media with medium to high hardness.
- Fine dry media with a max. Temperature of 70 ° C.

Can be used as a protective curtain during cleaning and disposal work.

Mechanical, physical and chemical properties

		Examination after	Value
Mechanical properties			
Yellow Rubber			Racloprema 430
Density			0.95 ± 0.05 g/cm ³
Hardness		ASTM D2240	35 ± 5 Shore A
Tensile strength		ISO 37	≥ 24 MPa
Elongation		ISO 37	≥ 700 %
Further tear resistance			≥ 30 N/mm
Abrasion resistance		ISO 4649	≤ 60 mm ³
Compression set after 22 h at 70 ° C		ISO 815-1	≤ 30 %
Temperature			
Operating temperature			-40/+80 °C
Behavior after aging			
Δ Hardness after 70h at 70 ° C		ASTM D573	≤ 5 Shore A
Δ Tensile strength after 70h at 70 ° C		ASTM D573	≤ 15 %
Δ Elongation after 70 hours at 70 ° C		ASTM D573	≤ 25 %
Chemical resistance			
Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons
Well	Acceptable	Acceptable	Not recommended
Standard Rolls of 10'000x1'500mm (± 2%)			
Width in mm :			
2, 3, 4, 5, 6 (± 0.4)			
8, 10, (± 1.0)			
Packaging specifications			
Mark		PREMACO	
Packaging		On roll, black foil	
Labeling		Label with product name, dimensions and weight	