

# **Rolexreclaim**

Manufacture & Exporter of : RECLAIMED RUBBER



**In the World of Reclaim,  
Rolex makes Difference**

blackpearl

## About Us:

Rolex Group was found in 1995 by Rolex Fittings Pvt. Ltd. and started an endless journey with its great efforts and a dynamic team. With in a couple of months **Rolex Forge** and **Rolex Export** became strong roots of Rolex Fittings Pvt. Ltd. Rolex Fittings Pvt. Ltd. is a well known in market for stainless steel products and Rolex Forge is for industrial components whereas Rolex Export is globally reputed supplier of agro commodities. And now, Rolex Reclaim Pvt. Ltd. is producing best quality reclaimed rubber and supplying in global and domestic market with a steady growth and a strong vision and again become a strong root.

Rolex Reclaim Pvt. Ltd., a leading Reclaim Rubber Supplier having a distribution house for the rubber industry in India. We supply a wide and varied range of raw materials, which includes Natural Reclaimed Rubber, Butyl Reclaimed Rubber, Tyre Reclaimed Rubber etc...

Rolex Reclaim Pvt. Ltd. certifies that Reclaimed Rubber produce by us is fully adapted with ISO regulations. Rolex have pre recorded substances present in their products. Below are the certificates which are under process i.e. ISO 9001:2008, ISO 18001:2007, ISO 14001:2004, ISO/TS 16949:2009 and REACH Compliance.

Rolex Reclaim Pvt. Ltd., the reliable and prestigious name in the field of reclaimed rubber manufacturing which is situated in Rajkot, Gujarat, INDIA - the industrial hub of India, manufactures Butyl Reclaim Rubber and Natural Reclaim Rubber from the scrap of Natural Rubber Tubes, Butyl Rubber Tubes and Tyre Reclaim Rubber from whole tyre scrap accordingly. With entire manufacturing process under one roof, we specialize in making our product as per our customers' requirements. Rolex with young, enthusiastic and experienced team, experience technocrats is reckoned for its innovative rubber products, constant supply & dedication to the quality.

Rolex Reclaim Pvt. Ltd. always meets the specific requirement set forth by the buyers including quality reporting, process control request data reporting etc.. Also having latest technology and latest equipment to develop a range of Reclaimed Rubber that provide solutions to the material handling needs for all industries and working environments.



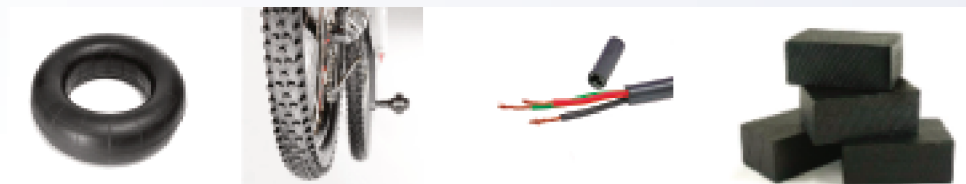
The Ultimate Service Of  
**Reclaimed Rubber**

# Butyl Reclaim Rubber

Chemical Index			
		RBRR-111	RBRR-222
Test Name	Test Method	Content	
Ash Content (%)	ASTM D297-18	4 ± 2	4 ± 2
Carbon Black (%)	ASTM E1131	32 ± 4	32 ± 4
Acetone Extract (%)	ASTM D297-18	9 ± 3	9 ± 3
Volatile Matter (%)		1% Max	1% Max
RHC (%)	ASTM E1131	50 Min	50 Min

Physical Index			
Test Name	Test Method	Content	
Specific Gravity (gm/cc)	ASTM D297-18	1.14 ± 0.02	1.14 ± 0.02
Tensile Strength (kg/cm <sup>2</sup> )	ASTM D412	75 Min. (7.5 MPA)	90 Min. (9 MPA)
Elongation At Break (%)	ASTM D412	475 Min.	550 Min.
Mooney Viscosity (ml)	ASTM D1646	30-45	30-45
Hardness (Shore A)	ASTM 2240	51 ± 3	51 ± 3

**Note:** Above data is for reference only. We can produce product as per customer requirement.



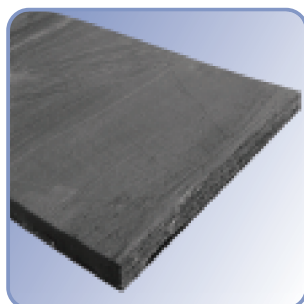
## Application:

- Butyl inner auto tubes
- Butyl inner liner
- Cables and adhesive
- Rubber flap
- Tape and sealants

## Advantages:

Butyl Rubber has several features like good gas tightness, ozone resistance, aging resistance, good thermo stability, inorganic acid resistance and common solvent proof. Also...

- Short and fast mixing power
- Reduce power consumption
- Low heat buildup in processing
- Low thermo plasticity
- High rate of curing
- Cost reduction
- Long shelf life



## Natural Reclaim Rubber

Chemical Index		
		RNRR-111
Test Name	Test Method	Content
Ash Content (%)	ASTM D297-18	28 Max.
Carbon Black (%)	ASTM E1131	20 ± 7
Acetone Extract (%)	ASTM D297-18	11 ± 4
Volatile Matter (%)		1% Max
RHC (%)	ASTM E1131	42 Min

Physical Index		
Test Name	Test Method	Content
Specific Gravity (gm/cc)	ASTM D297-18	1.25 ± 0.05
Tensile Strength (kg/cm <sup>2</sup> )	ASTM D412	30 Min.
Elongation At Break (%)	ASTM D412	225 Min.
Mooney Viscosity (ml)	ASTM D1646	20-50
Hardness (Shore A)	ASTM 2240	60 ± 5

**Note:** Above data is for reference only. We can produce product as per customer requirement.

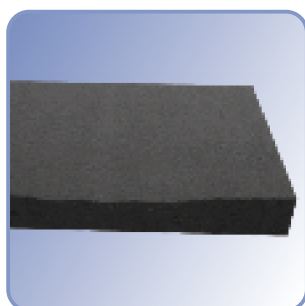


### Application:

- Extruded parts, threads
- Hoses pipes, conveyor belts, Rubber Belts
- Auto tubes, truck tubes, cycle tubes, Rubber Tubes and other rubber molding products

### Advantages:

- Low calendaring, mixing and extrusion temperature
- Improved penetration of fabric and cord
- Lower swelling and shrinking during extrusion and calendering
- Increased tack
- Lower raw material cost
- Improved reversion and ageing performance of natural rubber compounds.



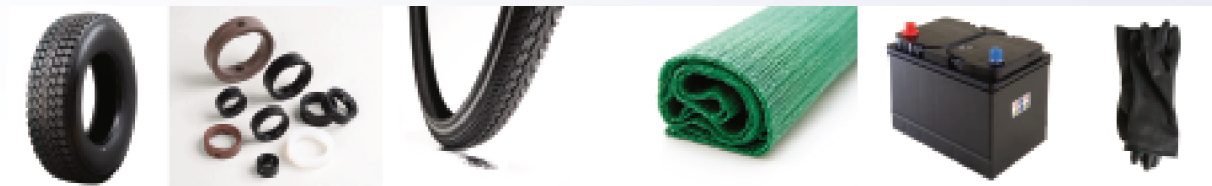
In the **World** of Reclaim,  
Rolex makes Difference

## Whole Tyre Reclaim Rubber (Superfine & Fine)

Chemical Index			
		SUPERFINE	FINE
		RTRR-11	RTRR-22
Test Name	Test Method	Content	
Ash Content (%)	ASTM D297-18	7 ± 2	7 ± 2
Carbon Black (%)	ASTM E1131	27 ± 3	27 ± 3
Acetone Extract (%)	ASTM D297-18	15 ± 3	15 ± 3
RHC (%)	ASTM E1131	47 Min.	47 Min.

Physical Index			
Test Name	Test Method	Content	
Specific Gravity (gm/cc)	ASTM D297-18	1.14 ± 0.02	1.14 ± 0.02
Tensile Strength (kg/cm <sup>2</sup> )	ASTM D412	40 Min.	40 Min.
Elongation At Break (%)	ASTM D412	200 Min.	200 Min.
Mooney Viscosity (ml)	ASTM D1646	25-45	25-45
Hardness (Shore A)	ASTM 2240	59 ± 3	59 ± 3

**Note:** Above data is for reference only. We can produce product as per customer requirement.

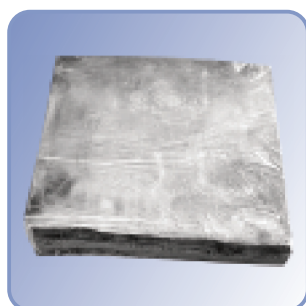


### Application:

Reclaim rubber widely used in Truck Tyres, Tread Rubber and Rubber Moulded Components. Moderately refined reclaim rubber mainly used in Cycle Tyres, Rubber Mat, Battery Containers and also in molded rubber products. Coarse reclaim rubber mainly used in Tyre Flaps, Matts, Pedal Rubber, Rubber Sheets Floor/ Coir Matt etc... Following are several advantages of tyre reclaim rubber.

### Advantages:

- Shorter and faster mixing cycles.
- Improved die swell, adhesion, permeability.
- Reduction in consumption of electrical power due to nerve of compound and faster mixing cycle.
- Practically no reduction in hot air ageing properties.
- Fewer compounds at less cost.
- Low calandering and extrusion temperature.

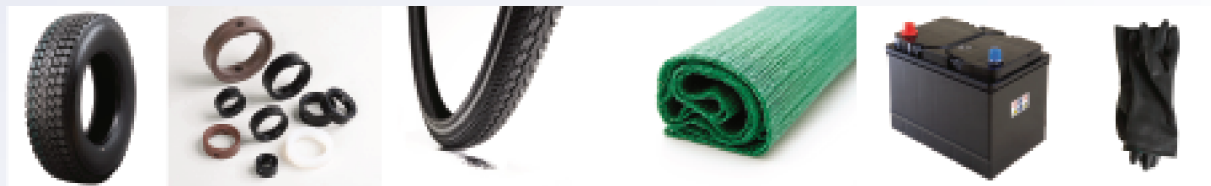


## Whole Tyre Reclaim Rubber (Medium & High Tensile)

Chemical Index			
		MEDIUM	HIGH TENSILE
		RTRR-33	RTRR-55
Test Name	Test Method	Content	
Ash Content (%)	ASTM D297-18	7 ± 2	4 - 7
Carbon Black (%)	ASTM E1131	27 ± 3	28 ± 3
Acetone Extract (%)	ASTM D297-18	15 ± 3	14 ± 2
RHC (%)	ASTM E1131	47 Min.	48 Min.

Physical Index			
Test Name	Test Method	Content	
Specific Gravity (gm/cc)	ASTM D297-18	1.14 ± 0.02	1.13 ± 0.02
Tensile Strength (kg/cm <sup>2</sup> )	ASTM D412	35 Min.	75 Min.
Elongation At Break (%)	ASTM D412	200 Min.	250 Min.
Mooney Viscosity (ml)	ASTM D1646	25-45	25-55
Hardness (Shore A)	ASTM 2240	59 ± 3	59 ± 3

**Note:** Above data is for reference only. We can produce product as per customer requirement.

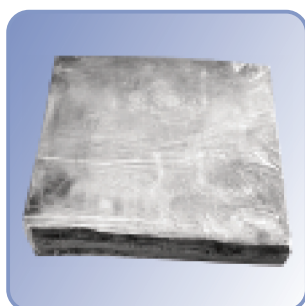


### Application:

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**Excellence** In Quality  
And Service With Competitive Price

## Quality:

Quality Control is simply the number one priority at Rolex Reclaim Pvt. Ltd. Initiating right from procurement of raw material till the delivery of consignment. We have a team of quality invigilators who keep a keen check on the whole production process. The quality tests at our premises are conducted on the following parameters:

- Tensile strength test
- Specific gravity test
- Viscosity test
- Elongation test
- Ash content verifications

At our production line used tires are the only ingredient in recycled rubber mulch. However, certain tire types are better for mulch production than others. Tires pass through a machine that strips the sidewalls off. These pieces contain metal that is not useful in the mulch. Some of this metal recycles again into different usable products. A shredding machine with sharp blades slices the tires into small pieces. Tire pieces pass through several cleaning screens including a heavy-duty vacuum apparatus to ensure the removal of all polyester.

Above all, we wish to avoid having a dissatisfied customer. We consider our customers a part of our organization, and we want them to feel free to make any criticism they see fit in regard to our merchandise or service.

We believe, Sell practical, tested merchandise at reasonable profit, treat your customers like human beings -- and they will always come back.



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Our Global Partner:



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Rolex makes Difference**

## **Rolex Reclaim Pvt. Ltd.**

### **Work Address:**

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Fax: +91 281 2480453

### **Head Office:**

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Email: info@rolexreclaim.com

### **Corporate Office:**

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