

OUSTER™

INDUSTRIES PVT. LTD.

converting black into green



The Story



REVERSE MANUFACTURING "THE ART OF TIRE RECYCLING"

We call it "Reverse Manufacturing". In a world that is focused on producing finished goods that deplete the natural resources available we are doing the reverse. We procure Finished Goods [Used / Waste Radial tires) and process them to extract Rubber Powder/Granules, thus creating raw material. It is an activity that is environment friendly and ecologically sensitive. Recycled Powder/Rubber Granules produced by our plant are used in various applications such as reclaim sheets, sports field and astroturf, asphalt rubber road, etc. It is an excellent substitute for natural or synthetic rubber and possesses all the qualities expected from rubber used in manufacturing of various rubber products.



Infrastructure



We are blessed with a well-organized infrastructural facility that is spreading across a huge area. Our spacious unit is segmented into numerous sections like procuring, processing, quality testing, warehousing, packaging, sales & marketing and many more units. All these highly functional sections are facilitated with the latest machines in order to meet the urgent orders of our respected clients within the set time frame. Also, we have devoted professionals who are highly skillful and possess immense experience in their domains. Our team helps us to accomplish an optimum level of operational efficiency in our processes

TECHNOLOGY

Oyster Industries utilizes equipment with a history of over 40 years of proven operational and process excellence. There line has been installed in Taiwan, Japan, Denmark, Russia, countries in Eastern Europe and South East Asia.

We believe in using equipment that is most efficient and effective in processing tires while considering the environment, therefore our process creates no additional waste, separates materials with tremendous purity and uses very little energy as compared to other recyclers. With this in mind, we believe we are the right solution for the scrap tire industry in India.



"Quality Statement"



Quality Assurance Excellence In Quality and Service with Competitive Price

Quality Assurance Excellence In Quality and Service with Competitive Price

Quality Control is simply the number one priority at Oyster industries 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. At our production line used tires are the only ingredient in recycled rubber powder/granules. However, certain tire types are better for rubber powder production than others. 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.



Oyster Products



UNIFORM AND CLEAN RUBBER POWDER AND GRANULATE

Oyster Industries only runs as a very large plant with a very high product flow. This, together with the unique technology, ensures extremely consistent and uniform products. The customer knows exactly what he is getting, and the quality will be of the same high level, delivery after delivery. In order to meet customer demands, Oyster Industries offers a wide range of ambient granulates and powders .

Recycled fine rubber powder and granulate from Oyster Industries are virtually free from contaminants. The products only contain an insignificant amount of dust.

To reduce scrap tires worldwide we need to recycle tires to make the solution for waste management.

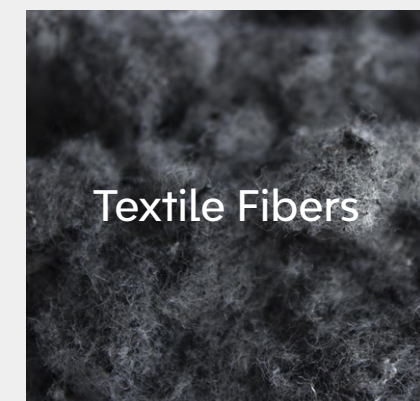
The scrap tires can be recycled by two methods Ambient mechanical grinding and cryogenic method.

We use the ambient mechanical grinding method.

In ambient mechanical grinding process, the breaking up of a scrap tire happens at or above normal room temperature. Ambient grinding is a multi-step technology and uses whole or pre-treated car or truck tires in the form of shred or chips, or sidewalls or treads. The rubbers, metals and textiles are sequentially separated out. Tires are passed through a shredder, which breaks the tires into chips.

The chips are fed into a granulator that breaks them into small pieces while removing steel and fiber in the process. Any remaining steel is removed magnetically and fiber through a combination of shaking screens and dust collector. Finer rubber particles can be obtained through further grinding in secondary granulators and high-speed rotary mills.

PRODUCTS



Crumb Rubber

Crumb rubber is the name given to any material derived by reducing scrap tires or other rubber into uniform granules, powder with the inherent reinforcing materials such as steel and fiber removed along with any other type of inert contaminants such as dust, glass, or rock

Grades Available

OYSTER CRUMB RUBBER



20MM SHREDDED CHIPS (TDF CHIPS)



20 Mesh (<840 μm)



30 Mesh (<630 μm)



40 Mesh (<420 μm)



80 Mesh



Crumb Rubber Granules 0.8mm to 2mm



Crumb Rubber Granules 2mm to 4mm

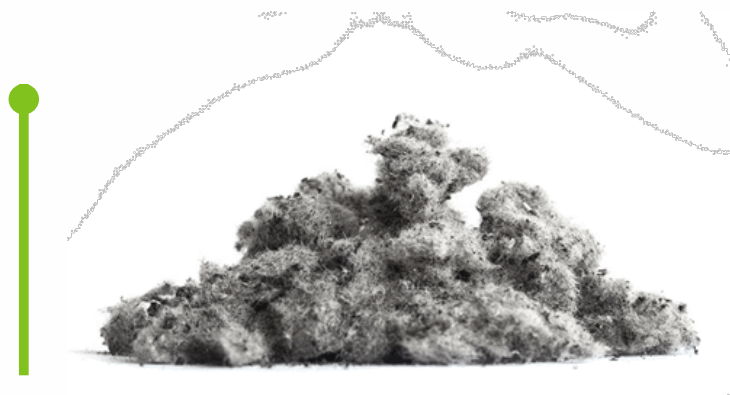


Steel Wires



With the expansion of economies worldwide, the demand for steel is burgeoning. While steel manufacturing goes from strength to strength there is a solid case for using recycled steel to augment supply through recycling. Steel wire is an important by product of rubber tyre recycling. Tyres are shredded and the high quality steel wire that is used in the making of radial tyres is extracted to enable steel manufacturers to recycle it. Oyster's steel is processed under strict quality control. The company produces approx 1000 metric tonnes of steel wire scrap a month in full operations

Textile Fiber



Oyster's vision clearly states that all end-of-life tyres must be recycled in the environmentally and economically most beneficial way. This means that all output from the recycling process should be used for high-value applications – and not incinerated

Nearly 10% of the recycled tyre is composed of textile fibre that is often called fibrous "fluff". In modern tyres, this fibre is mainly composed of Polyester that is used to enhance the tyre performance and quality. Fibre from recycled tyres find many applications such as construction mixes like concrete and stucco. It is also used as a clean up material as the fibre is highly absorbent and it is often used in carpets as an underlay. Fibre is also used as a filling for sound dampening, as well as a reinforcing additive for rubber, plastic and composite materials. Recycled fibres from Oysters are of the highest quality. The company produces 250 metric tonnes of textile scrap a month.



Add Oyster Industries – Add Value



Rubber granulate and rubber powder can be used for many different applications. OYSTER INDUSTRIES rubber products are used for asphalt and bitumen modification; in the sports and leisure segment for e.g. athletic tracks, playgrounds, horse riding arenas and artificial turf; for various industrial rubber products, new tyres, paints, coatings and adhesives as well as plastics. But in fact, the only limit is your imagination.

Regardless of the type of product or compound you are working with, the OYSTER INDUSTRIES R&D department is ready to offer technical sales support and expertise. At OYSTER INDUSTRIES, we are continuously working with innovation and development of new, high-quality rubber products – as well as new applications for our existing products. Choosing a OYSTER INDUSTRIES product is choosing a top quality solution with respect for the environment. Adding OYSTER INDUSTRIES is your guarantee of delivering a high-end solution to your customers

APPLICATIONS

- Sport Surfaces
- Automotive Industry
- Construction
- Geotechnical/Asphalt Applications
- Adhesives and Sealants
- Shock Absorption and Safety Products
- Rubber and Plastic Products

CONTACT

Survey No 290/1 Near Sugar Factory ,
Village : Surangi, Silvassa,
Union territory of Dadra and Nagar Haveli
Pincode : 396240

Tel: 9974427106, 9825113980

Mail: info@oysterindustries.com

www.oysterindustries.com.



 **OYSTER**TM
INDUSTRIES PVT. LTD.
converting black into green