



WORTH OF WASTE PRIVATE LIMITED

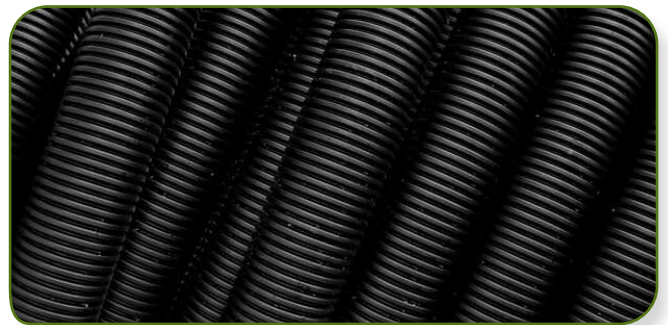


ABOUT US

Worth of Waste Private Limited is an ISO Certified Company with its Head Office Located in Kolkata, West Bengal, India. We are specialized in manufacturing Carbon Black with a production capacity of more than 7000 Metric Tons per annum.

We produce carbon black both in granules as well as in powder form which we cater to rubber, plastics, paints and coating industries.

This venture has been started by Mr. Rajeev Maheshwari (engineering graduate from IIT, KGP) and Mr. Snehil Kumar (engineering graduate from IIT, Jodhpur) both Graduate Engineer Trainees of TATA STEEL with over 60 Years of combined experience in working in a large corporate to setting up various ventures on their own, consulting Industries for Improvement in Quality, Productivity & Sustainability.



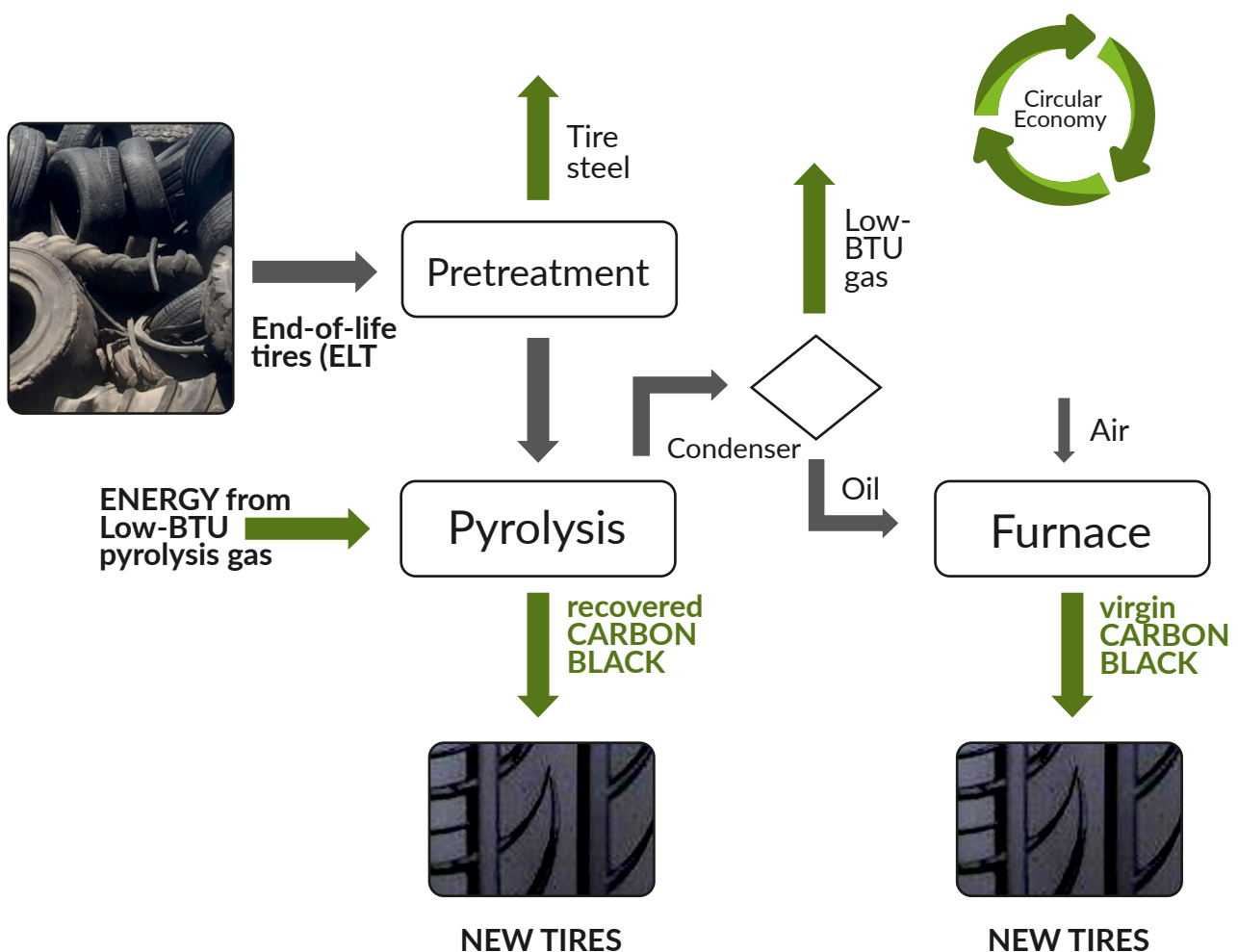
VISION & MISSION

Approximately 2.4 billion tyres wore out in 2023-24 and this is increasing by 4% every year! These scrap tyres aren't fit for market use hence they need to be recycled in a way to bring their byproducts to life and fit for commercial use.

We address the environmental issues caused by Scrap tyres in terms of landfill creation, odour and toxic emissions in air & water. We also solve the global CO2 emissions by lifting and reducing the landfill, producing alternative fuels replacing Virgin Fossil Fuels, also helping customers benefitting in reducing their carbon footprint by using our products. Our vision is to educate the users about the dynamic usability of the products we make and create a circular economy around them.

At Worth of Waste, we not only upcycle Waste tyres to sustainable products like Pyrolytic Oil, Shredded Steel but also give the carbon black char its right purpose to be used in the market replacing portion of virgin carbon black to an extent where the properties of the end products remain same.

PRODUCTION CHART



INDUSTRIES WE SERVE

Tires and Industrial Rubber Products:

Carbon black is added to rubber as both a filler and as a strengthening or reinforcing agent. For various types of tires, it is used in inner liners, carcasses, sidewalls and treads utilizing different types based on specific performance requirements. Carbon black is also used in many molded and extruded industrial rubber products, such as belts, hoses, gaskets, diaphragms, vibration isolation devices, bushings, air springs, chassis bumpers, and multiple types of pads, boots, wiper blades, fascia, conveyor wheels, and grommets.

Plastics:

Carbon black is also widely used for manufacturing of black master batch and pvc applications which is further used for injection molding, blow molding, roto molding and extrusion applications like garbage bags, hdpe pipes, water tanks, jerry cans, containers, agriculture mulch film, molding applications for automotive and household appliances.

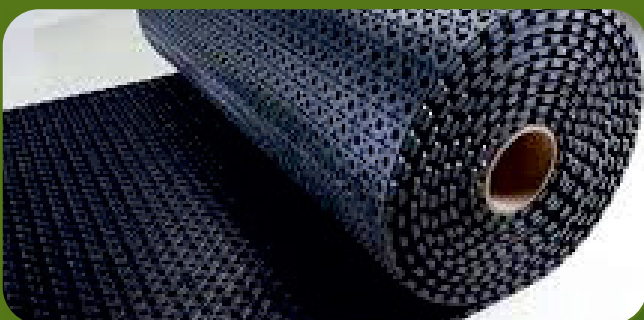
APPLICATIONS

Plastic Industries

PVC Pipes & Compounds, Black Masterbatches

Paints & Pigments | Coating

Footwear | Rubber Mats | Cycle Tires & Tubes | Solid & Ag Tires | Conveyor Belts | V Belts | Gaskets & O rings | Rubber Seals | Rubber Molded Parts | Rubber Profiles | Rubber Hoses | Rubber Fenders | Rubber Sheets



IMPACT

Worth of Waste produces 7000 tonnes of rCB (recovered Carbon Black) annually, if this replaces Virgin Carbon Grades, the resulting reduction in greenhouse gases will be close to 15000 Tons.

OUR PRODUCTS



rCB Pellets 400 MT / Month. Pellets size of 0.5 mm to 3 mm

rCB Pellets



600 MT / Month. Particle size of less than 12 microns.
Easy to disperse

rCB Powder



600 MT/ Month. Size can 10 mesh to 80 mesh as per requirements.
steel free rubber crumb granules.

Crumb Rubber



800 MT/ month. Oil that can be used in Industrial Furnace Purpose

Tyre Pyrolysis Oil



Steel cords can be used in blast furnace factories for recycling.
Purity of more than 90%.

Shredded Steel

TECHNICAL DATA SHEET

Quality Parameter	Value	Unit	Test Method (ALL ASTM)
Nitrogen Surface Area	60-70	m2/gm	D6556
Iodine Absorption Value	50-60	m2/gm	D1510
DBP Absorption Value	80 -100	cc/100gm	D2414
Sieve Residue	0 – 0.03	mg/Kg	D1514
Particle Size	< 12 microns		D3849 (TEM)
Heat Loss (Moisture Content)	2 % Max		D1509
Ash Content	16 - 18 %	% by wt	D1506
pH Value	6-9		D1512
Tinting Strength	40-48	% ITRB	D3265



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pH Value	6-9		D1512
Tinting Strength	40-48	% ITRB	D3265
Pellet Hardness	40-50	Gmf	D5230



Locations

Head Office : "Imagine Tech Park" # 1803/04, 18th Floor, Plot No. 6,
Block-DP, Street No. 13, Salt Lake, Sector-V, Kolkata – 700 091

Plant : E-28, UPSIDA, Bharuwa Sumerpur Industrial Area,
District – Hamirpur, Uttar Pradesh – 210502

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Certification



ISO Certificates