

Rubber Powder from Waste Tyres –

Manufacturing Plant, Detailed Project
Report, Profile, Business plan, Industry
Trends, Market research, Survey,
Manufacturing Process, Machinery, Raw
Materials, Feasibility Study, Investment
Opportunities, Cost and Revenue

Introduction

Rubber is polymer of butadiene and one of the most important chemical ingredients, which is widely used in the different field of modern advance world. Rubber is specially used in the tyre Industry, which is used in the different type of vehicles. Rubber products require rubber as a raw material. Either natural rubber, which is often cultivated on large plantations – with all the problems associated with a monoculture or

alternatively synthetic rubber, which is produced using crude oil. Both processes use a high amount of resources. At the end of the chain, mountains of used car tyres crop up on the landscape. These waste sites are taken on by used tyre and rubber recycling plants nowadays.

Waste tyre recycling technology is very cost effective and performs 100% wastage tyre recycling (No churn left after the process).

In this process no chemical ingredients are used, therefore it is environment friendly. Raw material (wastage tyre) is cheap and easily available, Generate economically valuable products out of waste tyres and products have good market value and demand. Also each recycled ton of tyres preserves 10 tons of carbon dioxide (CO₂) that is a major green house gas.

Some Uses of rubber powder

Rubber powder has many applications like : Shoes factories, Tyres factories, Rubber connections factories, Oil seals factories, Hoses factories and likes.

There is a rapid market increase of rubber powder in India. Demand of rubber powder in India is increased by 5%-8%. There is fair scope of this product.

Presently reclaim rubber is used in the manufacture of tyres, butyl tubes, cycle tyres and tubes, battery containers, tread rubber, belts and hoses, moulded and extruded products. India ranks third in production and fourth in consumption of natural rubber in the world. Rubber plantations are spread over 5.9 lakhs hectares in 16 states.

Production of natural rubber is dominated by small holdings (average holding size of 0.5 hectare), which account for 88 percent of the production. As a whole it is a good project for entrepreneurs for investment.

PROJECT AT A GLANCE

PROJECT AT A GLANCE				(Rs. in lacs)			
COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	35.00	35.00	Capital	0.00	61.46	61.46
Buildings	0.00	38.10	38.10	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	116.25	116.25	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	6.00	6.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	21.00	21.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	7.50	7.50	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	184.37	184.37
Preliminary& Pre-operative Exp	0.00	1.50	1.50	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	11.50	11.50	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	8.98	8.98				
TOTAL	0.00	245.83	245.83	TOTAL	0.00	245.83	245.83

PROJECT AT A GLANCE

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%
1-2	5.27	9.59	15.27	24.00	0.00	100.00	5.27	0.00	5.27	1.00	0.00
2-3	7.99	11.72	23.26	18.00	0.00	100.00	7.99	0.00	7.99	1.00	0.00
3-4	10.67	13.91	33.93	12.00	0.00	100.00	10.67	0.00	10.67	1.00	0.00
4-5	13.30	16.10	47.23	6.00	0.00	100.00	13.30	0.00	13.30	1.00	0.00
5-6	15.83	18.27	63.06	0.00	0.00	100.00	15.83	0.00	15.83	1.00	0.00

PROJECT AT A GLANCE

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Overall					GPM	PBT	PAT	Net Contribution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.38	1.38		1.57	1.57	1.95		22.42%	11.86%	8.80%	190.91	51.81%	1.36	0.92
2-3	1.66	1.52		0.77	0.77	1.06		25.50%	17.00%	11.42%	222.73	51.81%	1.49	1.38
3-4	2.00	1.67	2.00	0.35	0.35	0.58		27.57%	20.62%	13.35%	254.54	51.81%	1.52	1.93
4-5	2.41	1.83		0.13	0.13	0.31		28.98%	23.19%	14.79%	286.36	51.81%	1.48	2.57
5-6	2.90	2.00		0.00	0.00	0.15		29.91%	25.04%	15.84%	318.18	51.81%	1.39	5.38

PROJECT AT A GLANCE

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	46.96%
Total BEP (% of Installed Capacity)	51.68%

IRR, PAYBACK and FACR

Internal Rate of Return .. (In %age)	26.44%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	4.429

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provide Detailed Project Report on
Rubber Powder from
Waste Tyres**

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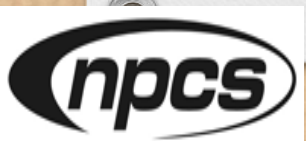
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NIIR PROJECT CONSULTANCY SERVICES

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Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*

What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Technology Books and Directory*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

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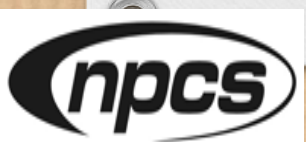
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