PET Preform from PET Resin

PET (polyethylene terephthalate) is a packaging medium for a wide variety of liquid food products such as edible oils, syrups, mineral water, alcoholic beverages, juices and honey. PFA Act of India has approved PET as suitable for packing of food and pharmaceutical products. It has now been adopted for storing all types of foods. Mineral water and soft drinks account for a major share of the total demand. Others include processed foods, edible oils and sauces. Kitchen containers are another major usage centre. In India, PET started being used in a perceptible way only very recently.
It is projected that the demand will grow appreciably, especially for packaging soft drinks. Soft drinks are witnessing a gradual shift towards the non-returnable bottles due to changing lifestyles and convenience. PET packaging has been doing very well as it offers the flexibilities of innovation, both in terms of pack design and size.

India produces around 500,000 tonnes of PET annually. The overall capacity of the industry is rated at about 650,000 tonnes per year.
PET preform has large demand for the manufacturing for PET bottle for food and Pharmaceutical Company. The size of the container-produced ranges from 50 ml to 150 ml which is further used for making required size blow moulded bottles. It is easily expanded by compressed air with a specific temperature and does not react with acid or alkali. PET Preform has large demand for the manufacturing of PET bottle for the food and pharmaceutical company. Current worldwide demand for PET for packaging is approx. 5.5 billion pounds. Global demand for
PET could be greater than 12 billion pounds by the end of the decade. With the growing demand for carbonated soft drinks, water and edible oil, PET Preform bottles are also increasing in demand. As the benefits of PET become apparent to a greater number of manufacturers and bottlers worldwide, demand continues to grow.
The global plastics industry is observing a continuous shift of production bases to low-cost Asian countries. With increasing foreign investment and rise in the number of new manufacturing establishments in the region, Asia has become the largest and the fastest growing market for plastics in the world. PET is constantly replacing conventional bottle raw materials such as glass and metal. Apart from being lightweight, PET offers several other advantages such as pack weight reduction, ease of handling and longer shelf life of packaged goods. Furthermore, PET bottles are persuasive in terms of sustainability, technical performance and aesthetics.
Fast-growing economies and strong production industries will lead Brazil, Russia, India and China (BRIC) to become dominant forces in the global PET market. A significant portion of demand for PET came from the Asia-Pacific region, which accounted for 40.6% of global PET demand during 2010. This is expected to increase to 47.8% by 2020, as India is rapidly emerging as a global petrochemical products manufacturing hub. Production in India enjoys the advantage of relatively low operating costs and, as a result, there have been huge capacity PET capacity additions in the country, with the country accounting for almost half of Asia-Pacific's import volumes during 2010. India is anticipated to be the PET market leader towards 2020 due to major PET players focusing their operations within the country.
The dominance of the organized and unorganized sector in the Indian PET preforms market varies in all end user applications of preforms. The major companies operating in the organized segment of the PET preform market in India are Manjushree Technopack Ltd., Sunrise Containers Ltd., Chemco Plastic Industries Ltd., National Polyplast (India) Ltd. and Parle Agro Pvt. Ltd. The PET preforms market in India is anticipated to grow substantially on account of the shifting preference from glass bottles to PET bottles, rising demand for consumer goods and packaged drinking water, and the development of retail channels in the country.
Reasons for buying the report:

• This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product.

• This report provides vital information on the product like it’s characteristics and segmentation.

• This report helps you market and place the product correctly by identifying the target customer group of the product.

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• This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials

• The report provides a glimpse of government regulations applicable on the industry

• The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions
Our Approach

- Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.
- The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players.
- We use reliable sources of information and databases. And information from such sources is processed by us and included in the report.

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Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on PET Preform from PET Resin” provides an insight into the PET Pre-Form market in India with focus on uses, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of PET Preform from PET Resin project. The report assesses the market sizing and growth of the Indian PET Preform Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:
• Good Present/Future Demand
• Export-Import Market Potential
• Raw Material & Manpower Availability
• Project Costs and Payback Period

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the PET Preform from PET Resin sector in India along with its business prospects. Through this report we have identified PET Preform from PET Resin project as a lucrative investment avenue.
Project at a Glance

Plant Capacity : 20,000 Nos/Day

Plant & Machinery : Rs. 46.55 Lakhs

W. C. for 3 Months : Rs. 52.14 Lakhs

Total Capital Investment: Rs. 118.4 Lakhs

Rate of Return : 50.68%

Break Even Point : 41.67%

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Major Queries/Questions Answered in the Report?

1. What is PET Preform from PET Resin industry?

2. How has the PET Preform from PET Resin industry performed so far and how will it perform in the coming years?

3. What is the Project Feasibility of a PET Preform from PET Resin Plant?

4. What are the requirements of Working Capital for setting up a PET Preform from PET Resin plant?
5. What is the structure of the PET Preform from PET Resin Business and who are the key/major players?

6. What is the total project cost for setting up PET Preform from PET Resin plant?

7. What are the operating costs for setting up a PET Preform from PET Resin plant?

8. What are the machinery and equipment requirements for setting up a PET Preform from PET Resin plant?
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