

Production of Polypropylene (PP) and their Products.

**Polypropylene Multifilament Yarn,
Polypropylene Measuring Cup.**





Introduction

Polypropylene (PP) is a thermoplastic “addition polymer” made from the combination of propylene monomers. It is used in a variety of applications to include packaging for consumer products, plastic parts for various industries including the automotive industry, special devices like living hinges, and textiles. Today it is manufactured around the world and is used in a rapidly growing variety of applications. Polypropylene is an essential material in most fields and industries imaginable – home goods, textiles, medical and laboratory equipment and the list goes on and on. Polypropylene, also known as polypropene is a form of plastic just as polyethylene is.

Polypropylene has shown excellent resistance to organic solvents and degreasing agents as well as electrolytic attack. Polypropylene produces fewer solid wastes by weight than polyethylene terephthalate (PET), polystyrene (PS) or polyvinyl chloride (PVC). It also produces significantly less CO₂ equivalents by weight than PET, PS or PVC.



Polypropylene can be processed by virtually all thermoplastic-processing methods. Most typically PP Products are manufactured by: Extrusion Blow Moulding, Injection Moulding, and General Purpose Extrusion. Expanded Polypropylene (EPP) may be moulded in a specialist process. It is a synthetic, high molecular weight thermoplastic polymer, which can be easily formed by catalytic polymerization of propylene. Due to its superior quality, its demand is increasing, especially in consumer disposable and automobile industry. This has resulted in countless opportunities for the global polypropylene market. Additionally, the trend of replacing metal with polypropylene is another factor contributing to the growth of the global polypropylene market.

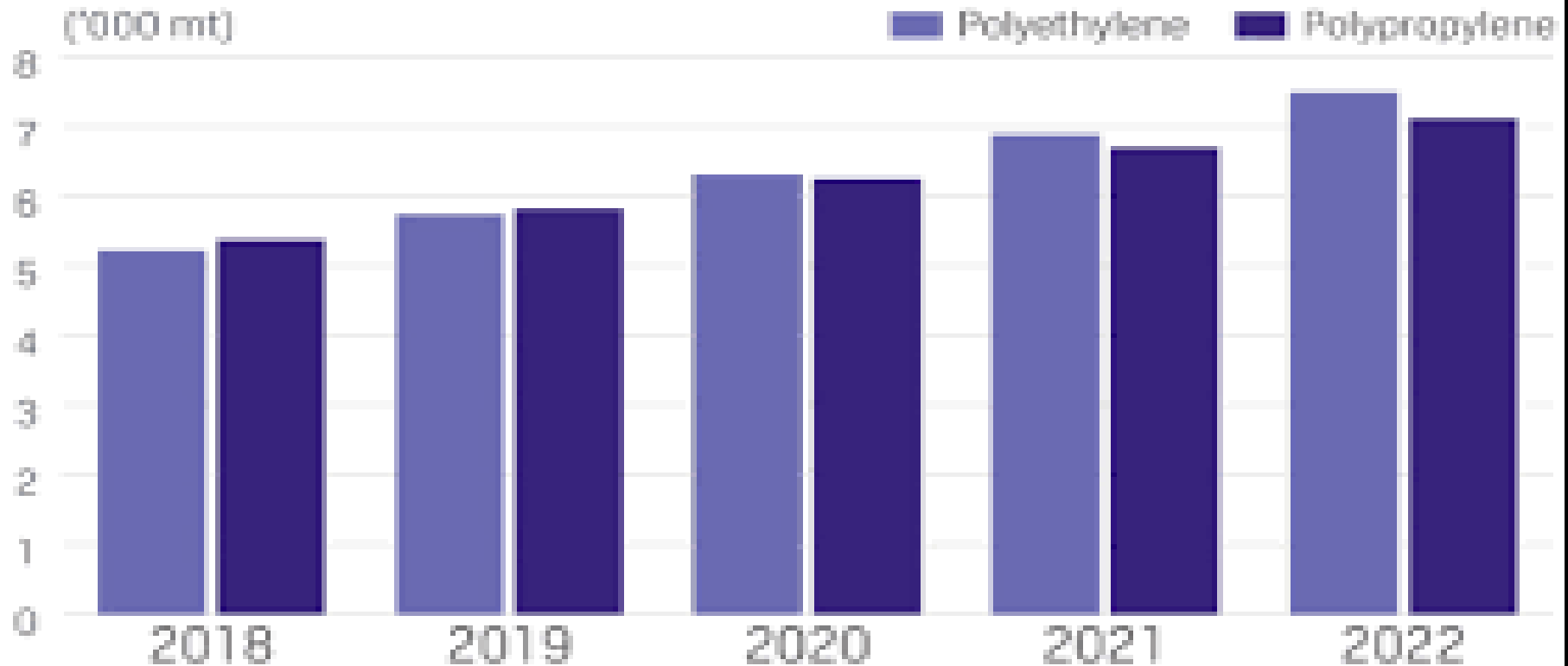
Market Outlook

Demand for Polypropylene in India is met through domestic production and the remaining amount of production is exported to the international market. However, a considerable amount of PP is also imported due to its high demand, economic viability, and requirement of suitable grade.

In India, strong demand for the Polypropylene by various end user industries and rapid industrialization are expected to steer India Polypropylene market during 2017-30. Expanding geotextile and packaging industries are the highlights of growing Polypropylene market in the country during the forecast period.

Growing urbanization along with rising disposable income and changing lifestyle will bolster the demand for packaged food, thereby escalating the market of Polypropylene in the country. Additionally, plastic machinery installations are increasing at a robust pace which would propel the demand of Polypropylene in the country. Furthermore, various special plastic industrial zones have been launched across India which would fuel the demand of Polypropylene, further contributing to its market during the forecast period.

Indian Polypropylene & Polythene Demand Forecast

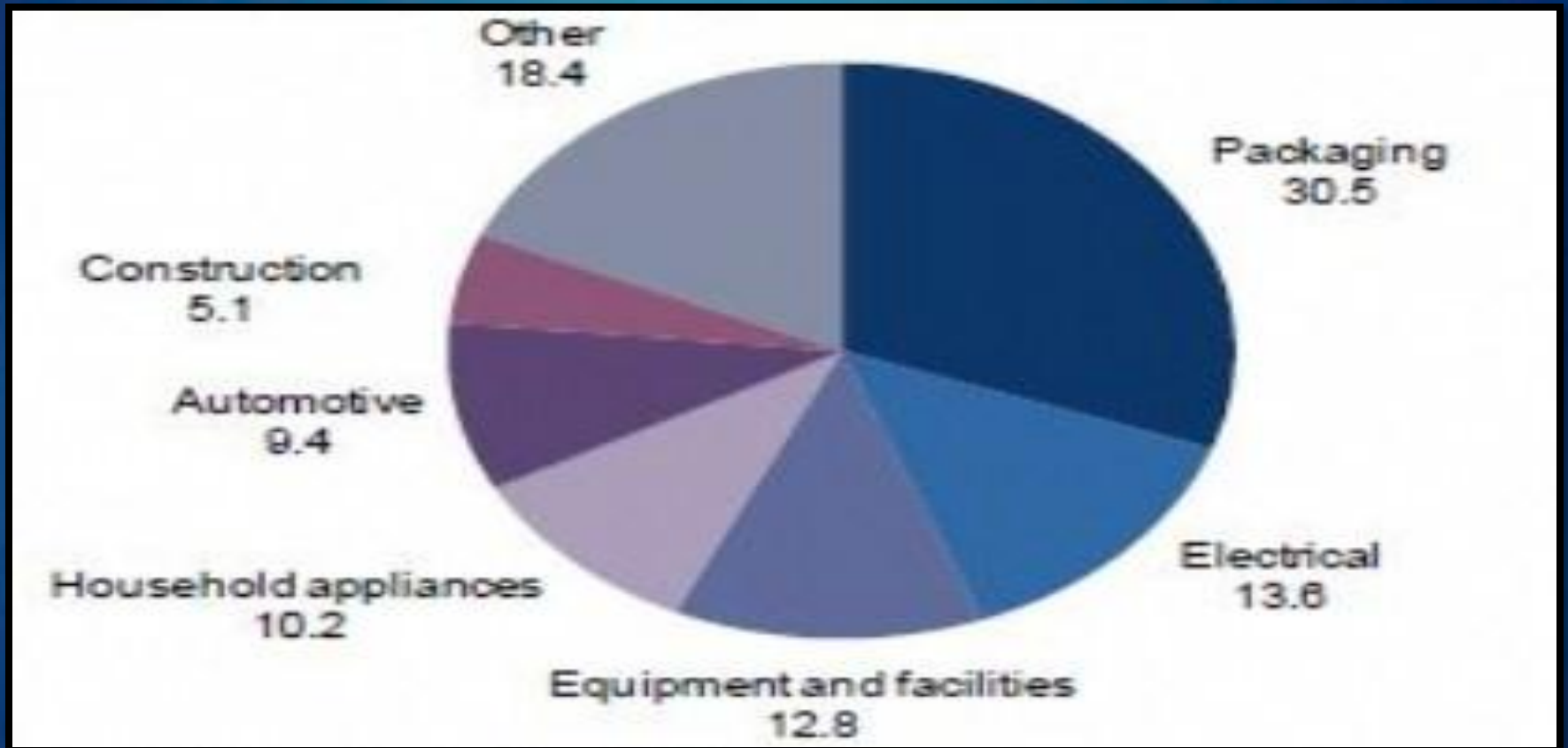


Global polypropylene market is anticipated to expand at a high single-digit CAGR from 2015 to 2025. Depending on the geographic regions, global polypropylene market is segmented into key regions: North America, Latin America, Europe, Asia Pacific and Middle East & Africa. China is one of the largest consumers of polypropylene in terms of production and consumption because of increasing disposable income and changing lifestyles. Adding to this, capacity additions in China and Middle East are expected to boost the market growth.

Global polypropylene market can be segmented on the basis of its end-user industry and geographic regions. Depending on the end-user industry, global polypropylene market can be segmented into automotive, electrical, consumer durable, construction, and packaging. Packaging segment accounts for largest share in global polypropylene market, followed by automotive and electrical segments.

The demand and the production of PP will continue to shift continuously from North America, Western Europe and Japan to the emerging markets of Asia, particularly China and India. PP is growing well in Asia particularly in China and India, Within the next five years, manufacturing capacities in both countries will be expanded by more than 7.5 mln tons. Despite rising prices, the strong demand from the packing and automotive industries, as well as from other growing sectors, such as the construction industry, has led to a continuous increase in the consumption of PP.

Polypropylene Industry, Global Demand by End-Use Sector (%), 2013



➤ **POLYPROPYLENE MEASURING CUP**

Polypropylene measuring cup of 10 ml. size is largely used in the pharmaceutical industry. Polypropylene is one of the thermoplastic polymer. 10 ml measuring cups are used in the analytical and also in research laboratory for measuring. Accurately chemicals also attractive.....[Read more](#)



Polypropylene based Products:

- **POLYPROPYLENE MULTIFILAMENT YARN**

Polypropylene multifilament yarns comprise a great member of parallel filaments which are in no way tied together. It is used for making various sizes of rope which have more strength and abrasion, resistant for general use. Low density polypropylene filaments are used in making mosquito net clothings.....[Read more](#)



Major Queries/Questions Answered in the Report?

- 1. What is Polypropylene Manufacturing industry ?**
- 2. How has the Polypropylene Manufacturing industry performed so far and how will it perform in the coming years?**
- 3. What is the Project Feasibility of Polypropylene Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Polypropylene Manufacturing plant ?**

- 5. What is the structure of the Polypropylene Manufacturing Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Polypropylene Manufacturing Business?**
- 7. What are the operating costs for setting up Polypropylene Manufacturing plant ?**
- 8. What are the machinery and equipment requirements for setting up Polypropylene Manufacturing plant ?**

9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Polypropylene Manufacturing plant ?

10. What are the requirements of raw material for setting up Polypropylene Manufacturing plant ?

11. Who are the Suppliers and Manufacturers of Raw materials for setting up Polypropylene Manufacturing Business?

12. What is the Manufacturing Process of Polypropylene ?

- 13. What is the total size of land required for setting up Polypropylene Manufacturing plant ?**
- 14. What will be the income and expenditures for Polypropylene Manufacturing Business?**
- 15. What are the Projected Balance Sheets of Polypropylene Manufacturing plant ?**
- 16. What are the requirement of utilities and overheads for setting up Polypropylene Manufacturing plant?**
- 17. What is the Built up Area Requirement and cost for setting up Polypropylene Manufacturing Business?**

18. What are the Personnel (Manpower) Requirements for setting up Polypropylene Manufacturing Business?

19. What are Statistics of Import & Export for Polypropylene ?

20. What is the time required to break-even of Polypropylene Manufacturing Business?

21. What is the Break-Even Analysis of Polypropylene Manufacturing plant?

22. What are the Project financials of Polypropylene Manufacturing Business?

- 23. What are the Profitability Ratios of Polypropylene Manufacturing Project?**
- 24. What is the Sensitivity Analysis-Price/Volume of Polypropylene Manufacturing plant?**
- 25. What are the Projected Pay-Back Period and IRR of Polypropylene Manufacturing plant?**
- 26. What is the Process Flow Sheet Diagram of Polypropylene Manufacturing project?**

- 
- 27. What are the Market Opportunities for setting up Polypropylene Manufacturing plant?**

 - 28. What is the Market Study and Assessment for setting up Polypropylene Manufacturing Business?**

 - 29. What is the Plant Layout for setting up Polypropylene Manufacturing Business?**

Table of Contents of the Project Report

Project Financials

- **Project at a Glance** **Annexure**
- Assumptions for Profitability workings1
- Plant Economics.....2
- Production Schedule.....3
- Land & Building.....4
 - Factory Land & Building
 - Site Development Expenses

- **Plant & Machinery.....5**
 - Indigenous Machineries**
 - Other Machineries (Miscellaneous, Laboratory etc.)**

- **Other Fixed Assets.....6**
 - Furniture & Fixtures**
 - Pre-operative and Preliminary Expenses**
 - Technical Knowhow**
 - Provision of Contingencies**

- **Working Capital Requirement Per Month.....7**
 - Raw Material**
 - Packing Material**
 - Lab & ETP Chemical Cost**
 - Consumable Store**

- **Overheads Required Per Month and Per Annum.....8**
 - Utilities & Overheads (Power, Water and Fuel Expenses etc.)
 - Royalty and Other Charges
 - Selling and Distribution Expenses

- **Salary and Wages9**

- **Turnover Per Annum10**

- **Share Capital.....11**
 - Equity Capital
 - Preference Share Capital



- **Annexure 1 :: Cost of Project and Means of Finance**
- **Annexure 2 :: Profitability and Net Cash Accruals**
 - **Revenue/Income/Realisation**
 - **Expenses/Cost of Products/Services/Items**
 - **Gross Profit**
 - **Financial Charges**
 - **Total Cost of Sales**
 - **Net Profit After Taxes**
 - **Net Cash Accruals**

• **Annexure 3 :: Assessment of Working Capital requirements**

- **Current Assets**
- **Gross Working Capital**
- **Current Liabilities**
- **Net Working Capital**
- **Working Note for Calculation of Work-in-process**

• **Annexure 4 :: Sources and Disposition of Funds**

- **Annexure 5 :: Projected Balance Sheets**

- **ROI (Average of Fixed Assets)**
- **RONW (Average of Share Capital)**
- **ROI (Average of Total Assets)**

- **Annexure 6 :: Profitability Ratios**

- **D.S.C.R**
- **Earnings Per Share (EPS)**
- **Debt Equity Ratio**

• **Annexure 7 :: Break-Even Analysis**

- **Variable Cost & Expenses**
- **Semi-Variable/Semi-Fixed Expenses**
- **Profit Volume Ratio (PVR)**
- **Fixed Expenses / Cost**
- **B.E.P**

- **Annexure 8 to 11 :: Sensitivity Analysis-Price/Volume**

- **Resultant N.P.B.T**
- **Resultant D.S.C.R**
- **Resultant PV Ratio**
- **Resultant DER**
- **Resultant ROI**
- **Resultant BEP**

- **Annexure 12 :: Shareholding Pattern and Stake Status**

- **Equity Capital**

- **Preference Share Capital**

- **Annexure 13 :: Quantitative Details-Output/Sales/Stocks**

- **Determined Capacity P.A of Products/Services**

- **Achievable Efficiency/Yield % of Products/Services/Items**

- **Net Usable Load/Capacity of Products/Services/Items**

- **Expected Sales/ Revenue/ Income of Products/ Services/ Items**

- **Annexure 14** :: **Product wise Domestic Sales Realisation**
- **Annexure 15** :: **Total Raw Material Cost**
- **Annexure 16** :: **Raw Material Cost per unit**
- **Annexure 17** :: **Total Lab & ETP Chemical Cost**
- **Annexure 18** :: **Consumables, Store etc.**
- **Annexure 19** :: **Packing Material Cost**
- **Annexure 20** :: **Packing Material Cost Per Unit**

- **Annexure 21** :: **Employees Expenses**
- **Annexure 22** :: **Fuel Expenses**
- **Annexure 23** :: **Power/Electricity Expenses**
- **Annexure 24** :: **Royalty & Other Charges**
- **Annexure 25** :: **Repairs & Maintenance Expenses**
- **Annexure 26** :: **Other Manufacturing Expenses**
- **Annexure 27** :: **Administration Expenses**
- **Annexure 28** :: **Selling Expenses**

- **Annexure 29 :: Depreciation Charges – as per Books (Total)**
- **Annexure 30 :: Depreciation Charges – as per Books (P & M)**
- **Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)**
- **Annexure 32 :: Depreciation Charges - as per IT Act WDV (P & M)**
- **Annexure 33 :: Interest and Repayment - Term Loans**
- **Annexure 34 :: Tax on Profits**
- **Annexure 35 :: Projected Pay-Back Period and IRR**

Reasons for Buying our 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**

- **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**

Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Polypropylene” provides an insight into the Polypropylene market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Polypropylene project. The report assesses the market sizing and growth of the Indian Polypropylene 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 Polypropylene sector in India along with its business prospects. Through this report we have identified Polypropylene project as a lucrative investment avenue.

Tags

Manufacturing Process of PP (Polypropylene), Polypropylene (PP) Production Process, Polypropylene Manufacturing Process, Polypropylene Manufacture, Polypropylene Production, Polypropylene (PP) Production and Manufacturing Process, Manufacturing of Polypropylene, Commercial Production of Polypropylene, Process for Production of Polypropylene, Manufacturing Plant of Polypropylene, Industrial Polypropylene, Manufacture of Polypropylene, How to Start a Polypropylene Manufacturing Business, Polypropylene Manufacturing Industry, Business Opportunity in Polypropylene Manufacturing, Polypropylene Production Plant, Polypropylene Manufacturing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Polypropylene Manufacturing Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Polypropylene Manufacturing Industry in India, Polypropylene Manufacturing Projects,

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**Niir Project Consultancy Services (NPCS)
can provide Detailed Project Report on
Production of Polypropylene (PP) and
their Products.**

**Polypropylene Multifilament Yarn,
Polypropylene Measuring Cup.**

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Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the 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.



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The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as 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, Plant Economics, Production Schedule,



Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

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 India along with its business prospects.....[Read more](#)



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Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Contact us

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