

# Modern Technology of Plastic Processing Industries (2nd Edition)

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Plastics are contemporary, synthetic materials. Plastics are oil and gas based, and consumes less than four per cent of our oil and gas reserves. Plastic in fact saves the energy it takes less energy to convert into plastic from raw materials. Throughout their whole life circle one-third less energy needs than making paper bags. Without plastic, whole packaging would take almost double energy by around 160 percent. The better-quality properties of plastics such as sanitized or germ free barrier properties, light weight, and durability contribute appreciably to our health and quality to way of life.

The Plastic industry has been witnessing a continuous increase in demand from a long time attracting many towards it. To all those who are looking forward for a proper understanding of technology and methodology used in the plastic industries so that they could penetrate into plastics industries with a consideration of the current industry trend then this book provides you about certain very essential information about Plastic. PVC can be processed by all the conventional conversion processes as used for other thermoplastics but with some modifications. This book covers an intensive study of Current Trends in Conducting Polymers with a significant and detail explanation of thermosetting, thermoplastic material and products environment health and the future prospects.

The content of the book includes information about plastic and allied products equipped with latest technology. It also includes comprehensive information on the development of the sector and manufacturing process. The several chapters of the book contain information about: Processing of PVC, Applications of PVC and so on. The book also has chapter that will provide you with some very interesting, feasible and profitable plastic project profiles that will act as guide in proper understanding and analysis of the sector. Recent Developments in Plastics Extrusion and Environment Health and Future Prospects, Constructive use of HDPE, The Processing of Fibre Re-in forced Thermo-plastics Using Co-Rotating Twin Screw Extruders, Economical Film Extrusions with Modular Systems these are few chapters that are very informational and will help you in deep penetration of the industry. Along with these feature the book also encloses a directory section which list all major manufacturers of plastic processing machinery and raw material suppliers.

## Contents

### 1. Current Trends in Conducting Polymers

Introduction

Synthesis and Properties

Technological Applications

Electromagnetic Shielding Applications  
Electrooptical Display Devices  
Microelectronic Devices  
Photovoltaic Devices  
Sensors  
Scope of Conducting polymers

## 2. Thermosetting Plastics

Introduction  
Kinds of Thermoset Plastics  
Phenolic Resins  
Resols and Novolaks  
Acid and Base Catalysts  
Solubility  
Manufacturing of Phenolic Resins  
Process (Novolak)  
Application of Phenolic Resins  
Brakelinings  
Grinding Wheels (Abrasives)  
Sand core bonding (Foundry)  
Shellmoulds for metal castings  
Wood waste boards  
Impregnation  
Adhesives (Plywood Glues)  
Surface Coatings  
Oil Varnishes  
Lamp capping cement  
Rubber Based Adhesives  
Rubber Compounds  
Tackifier  
Aminoresins  
Chemistry of the interaction of Urea and Formaldehyde  
Methylol Ureas  
Monomethylol Urea  
Dimethylol Urea  
U.F. Resin  
Melamine-Formaldehyde Resin  
Method of Manufacture  
Applications of Aminoplastic Mouldings  
Other Industrial Applications  
The Laminating Process  
Melamine Resin Adhesives  
Use of Wet Strength Paper  
Coating Applications  
The preparation of Butylated Amino resins

## 3. Indian plastic industry : Present Status and Future Prospects

Market perceptions  
Indian plastic industry's growth  
Choice of polymers

Small market and large capacity  
Factors governing the performance of Indian polymer plastic Industry  
The Pragmatic policy  
Government's responsibility

#### 4. Compounding of PVC

Introduction  
Elements of Compounding  
Methods of Compounding  
Intensive Dry Mixers  
Internal Intensive Batch Mixers  
Continuous Mixer  
Two-Roll Mills  
Single-Screw Extruders  
Compounder-Extruder  
Twin-Screw Extruder  
Custom compounding for special properties  
General guidelines for PVC formulations for common product

#### 5. Processing of PVC

Introduction  
PVC Resins  
Molecular Weight  
Injection Moulding  
Additives for improving processing  
Low Shear Horizontal Mixers (Ribbon Blenders)  
Higher Shear Vertical Non-fluxing Mixer  
Dry Blend Properties  
Low Shear and High Shear Mixing in Horizontal,  
Jacketed Cylindrical Blenders  
Hot Melt Compounding  
Two Stage (Farrel) Continous High Intensity Fluxing Mixers  
Compounding Lines-Batch Type  
Suggested K-Value of PVC Resins  
Influence of Formulation on Processing Behaviour  
Relation of Polymer K-Values with Threshold Temperature

#### 6. Applications of PVC

World of PVC Applications

Rigid PVC Pipes  
Advantages of Rigid PVC Pipes  
Chemical Resistance  
Flow through Rigid PVC Pipes  
Flow or Friction Losses  
Manufacturing of PVC Sheet  
Extrusion PVC Sheets  
Extrusion Blowing of PVC Sheets  
Calandrette Process  
Processing of Sheets by Forming

Requirements of PVC Sheets  
Blister Packaging  
Vacuum Formed Products  
Skin Packaging  
Typical Blister Packaging Applications  
Non-Packaging Application  
Tropicalised Blister Pack-A New Concept  
Rigid PVC Free Foam Board  
PVC Integral Foam Sheets  
Blow Moulded Bottles and Containers  
Pet vis-a-vis PVC Stretched Bottles  
Blow Moulding of PVC Bottles  
Injection Blow Moulding  
Cushioned Vinyl Flooring  
The Screen Coating System : Advantages  
One Pass Production  
Double-sided Coating of Open-Weave Fabrics  
PVC in Medical Application  
Moulding of PVC Footwear

#### 7. Improving Moulding Through Melt-flow Oscillation

Orientation effects in molding technology : Orientation versus relaxation  
How Does Rheomolding Work?  
Melt-flow oscillation improves properties

#### 8. Basic Information and Identification of Plastics

Development of Plastic Materials

#### 9. Classification of Plastics

Thermoplastic Resins  
Thermosetting Resins  
Identification of Plastics

#### 10. Compounding Resins

Design and cost of a compound  
Fillers  
Plasticizers  
Colourants  
Role of Plastics  
More Resins for Packaging

#### 11. Common Plastic Resins

Production of PVC (Poly Vinyl Chloride)  
Manufacturing Process of PVC  
PVC Films

Applications of PVC Films  
PVC Bottles  
Rigid PVC Pipes  
Low Density Polyethylene (LDPE)  
Polyethylene Production from Petroleum/Natural Gas  
LDPE Resins  
Linear Low Density Polyethylene  
Retrofitting LDPE Plant  
Comparison of LLDPE with Conventional LDPE  
Applications of LLDPE  
High Density Polyethylene  
Injection Moulding  
Blow Moulding  
Polypropylene  
Polyster  
Polystyrene  
Injection Moulding  
Compression Moulding  
Transfer Moulding  
Jet Moulding  
Blow Moulding  
Injection Blow Moulding  
Reinforced Moulding  
Flat Sheet and Film Extrusion

Characteristics of Polystyrene  
Nylon  
Polyurethane  
Phenol Formaldehyde Resins  
Epoxy Resins

## 12. Decoration of Plastics

Dyeing  
Electro-Plating  
Flock Coating  
Hot-Stamping  
In Mould Decoration  
Painting  
Printing  
Vacuum Metallizing

## 13. Plastic Applications

Uses in Agriculture  
Automobile  
Building  
Defence  
Medical  
Textile Industry  
Packaging  
Chemical Industry  
Main Uses of Plastics in Agriculture Polyethylene

## 14. Plastic Waste and its Reprocessing

Definitions Regarding Plastic Waste  
Generation of Industrial Plastic Wastes

## 15. Plastic Welding and Sealing

Introduction for Plastic Welding  
Introduction for Heat Sealing  
Heat Welding  
Hot Gas Welding  
Heated Tool Welding  
Induction Welding  
Spin Welding  
Advantages  
Disadvantages  
Ultra Sonic Welding Characteristics of Plastics

## 16. Plastic Technology

Thermoplastic Material  
Thermosetting Plastics  
Plastic Foam  
Compounding of Plastics

## 17. Plastic Products

Introduction  
Material Considerations  
Design Considerations  
Viscoelasticity  
Formation of Crack  
Reinforcements  
Characteristics of Plastics  
Shrinkage  
General Design Principles

## 18. Recent Developments in Plastics Extrusion

Blown Films  
Haul-Off  
Compounding and Masterbatch  
Multilayers Co-Extruded Film  
Blown Coextrusion  
Equipment for Blown Coex Films

## 19. Polymer Powders and Coatings

Introduction  
Coating Powders  
Characteristics of Thermosetting Powder Coatings

Powder Coating Machinery Suppliers  
Electrostatic Powder Suppliers

20. Roto Moulding and Cost of Polymers

21. Polymer Blend, Fibre and composite

Polymer Blends  
Composites  
Laminar Composites  
Particulate Composites  
Fibres

22. Polypropylene applications in automobiles

Plastics Consumption

23. Recovery of Chemicals from Plastic Waste

Plastic Degradation  
Modes of Polymer Degradation  
Thermal Degradation  
Mechanical Degradation  
Photo Degradation  
Bio-Degradation  
Chemical Degradation  
Solvolysis  
Mineral Oil as Suspending Medium  
Glycerolysis of Waste  
ICI, Mitsubishi Rayon Link for Acrylic Recycling Techniques

24. Environment Health and Future Prospects

Hazardous Effects of Plastics  
Air Pollution  
Safety Measures  
Product Safety  
Future Prospects  
Improving Working Conditions and the Environment  
Technology Transfer and Development

25. Recycling Polyester Resins

Pet and Apet  
RPET  
PETG  
CPET  
Chemical Reduction  
Process Route of Michigan Technology University

26. Constructive use of HDPE

Characteristics

HDPE Pipe System  
Jointing Techniques  
HDPE Pipes Versus Other Materials  
Submarine Pipelines  
Relining-New Pipes in Old  
Sewer Pipes  
Slurry Transportation  
Irrigation  
Domestic Gas Distribution  
Chemical Process Piping

## 27. Extrusion of Cast Film, Thermoforming Film and Sheet

Features and Applications  
Thermoforming Film  
Production System and Line Concepts  
Thermoforming Film Line  
Sheet Extrusion Lines  
Improvements in Machine Sectors  
Re-Use of Extrusion Scrap  
Automation  
Development Trends

## 28. The Processing of Fiber Re-inforced Thermoplastics Using Co-Rotating Twin Screw Extruders

Introduction  
Experimental Apparatus and Procedure  
Results and Discussion

## 29. Economical Film Extrusions with Modular Systems

Modular Design Concept from Resin Feeding to the Win  
Engineering Innovations for blown film systems  
Gravimetric resin feeding systems  
Extruders with a forced conveying feed section  
Blown film dies further Improved  
Automatic die also for barrier films  
Automated downstream equipment  
Flexibly expandable : modularly designed oscillating haul  
Modular winders for all types of film  
Modular automation provides flexibility for  
both film manufacturers and users  
Remote diagnosis enhances system availability  
Information system completes the automation concept  
Modular automated extrusion lines enhance productivity

## 30. Appendices

### I. Formula for Calculations



- II. Pigment Formulations for Dry Colouring Unplasticized Plastic
- III. Recommended Use of Lubricants
- IV. General Properties of Plastics
- V. BIS Specifications on Plastics
- VI. Drilling Thermoplastics
- VII. Turning Characteristics of Thermoplastics
- VIII. Machining of Plastic Sawing of Plastics
- IX. A Genral Guide to Suitable Speeds and Feeds
- 31. Profiles
- 32. Raw Material Suppliers for Plastic and Plastic Products
- 33. MANUFACTURERS OF PLASTIC PROCESSING MACHINERY

## About NIIR

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