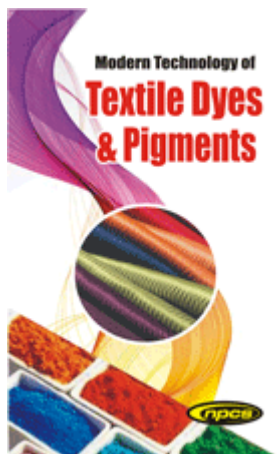


Modern Technology of Textile Dyes & Pigments (2nd Revised Edition)



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Dyestuff sector is one of the core chemical industries in India. There are two types of colorants dyes and pigments. Dyes are soluble substances used to pass color to the substrate and find applications primarily in textiles and leather. Pigments are coloring materials, which are water insoluble. Key end-user industries of pigments include wood-coloring, stone, textiles, paints & coatings, food and metals. Pigment are usually manufactured as dry colorants and grounded into fine powder. The dyes market, meanwhile, largely depends upon the fortunes of its principal end-user, textiles, which account for about 70 percent of the total demand. Their importance has grown in almost every area of an economic activity.

In the colorants market, Asia-Pacific accounts for the largest share. This region is one of the key markets for dyes and pigments production. In the Asia-Pacific, India and China are the important countries contributing towards the growth of colorants market. Rising consumer spending will drive increased demand for colorants in textiles. Increases in value demand will reflect the growing importance of expensive, higher value dyes and pigments that meet increasingly stringent performance standards. Growing demand for high-quality value-added pigments is one of the key factors expected to result in a spurt in growth.

This book describes the various formulae, manufacturing processes and photographs of plant & machinery with supplier's contact details. The major contents of the book are metal pigments, black pigments, inorganic colour pigments, organic colour pigments, extender pigments, white pigments, photocatalytic activity of titanium dioxide pigment, azo pigments, bisazo pyridine pigments, high grade organic pigments, high temperature stable inorganic pigments, anti corrosive pigments, metals and metal ions in pigmentary systems, control of organic pigment dispersion properties, pigments for plastics, rubber & cosmetics, pigments for printing inks, vat dyes, reactive dyes, disperse dyes, direct dyes and sulphur dyes etc.

It will be a standard reference book for professionals, entrepreneurs, those studying and researching in this important area and others interested in the field of textile dyes & pigments.

Contents

1. Metal Pigments

Aluminium Powder and Paste

Zinc Powder Pigments

Lead Powder and Paste

2. Black Pigments

Carbon Black

3. Inorganic Colour Pigments

Colour in Pigments

Crystal Form and Shape

Hiding Power and Opacity

Tinting Strength

General Characteristics

Manufacture of Colour Pigments

4. Organic Colour Pigments

Toners and Lakes

General Characteristics

Colour in Organic Materials

Manufacture of Organic Pigments

Spot Tests for Colour Pigments

Commercial Pigments

Lightfastness in Tints

5. Extender Pigments

Type of Extenders

6. White Pigments

General Comparison of White Pigments

White lead Pigments

7. Photocatalytic Activity of Titanium Dioxide Pigment

Experimental

Pigment Samples

Florida Exposure Series

Statistical Procedures

Results & Discussion

Acrylic Paints

Alkyd Paints

Summary

8. Use of Flocculation Gradient in Determining the Efficiency of Titanium Dioxide Utilisation in Paint

States of dispersion

Flocculation

Assessment of degree of flocculation

Conclusion

9. Titanium Dioxide Pigments in Water-reducible and Water soluble vehicles

Procedure of the evaluation

Preliminary tests
Results of the investigation
Optical properties of TiO₂ pigments
Conclusions

10. Azo Pigments

Red Pigments
Permanent Reds
The Pyrazolone Red
Yellow Pigments
Manufacture of azo pigments
Coupling Component
Coupling preparation
Diazotization
Preparation of Coupling component

11. Bisazo Pyridone Pigments

Experimental

12. Novel Gold Colours and Effects with Environmentally Safe-to-use Mica Pigments

New Golden Pearl Lustre Pigment
Gold Colours and Effects
Other Colours Shades

13. Fluorescent Pigments

Pigment Manufacture
Photostability of Fluorescent Pigments
Fluorescent Application
Phosphorescent Luminous Pigments
Properties and Characteristics
Pearl Luster Pigments

14. High Grade Organic Pigments

Azo Condensation
Vat Pigments and Related Compounds
Thioindigo Pigments
Immersion Processes
Perylene-Perinone pigments
Toning White Enamels
Phthalocyanine

15. Phthalocyanines

Methods for formation of pigments from crude
Acid pasting
Concentration of the sulfuric acid
Amounts of the sulfuric acid
Production of b-form pigment by salt grinding
Manufacture of metal free phthalocyanine
Phthalocyanine complexes from metals other than copper
Flocculation, flotation and flooding
Flotation
Application of phthalocyanine pigments
Phthalocyanine dyes of Textile materials

Phthalocyanine reactive dyes

16 High Temperature Stable Inorganic Pigments

17. New Metal Complex Pigments

Experimental

Metal complex formation

Results and Discussion

18. Latest Developments in Organic Pigments for Automotive Finishes

Violet

Advantages of using Mica Pearl

19. Preparation of Iron Oxide Pigment from Industrial Waste

Preparation of the pigment

20. Anti Corrosive Pigments

Electrochemical theory of Corrosion

Anticorrosive Pigments

Anti corrosive properties of Zinc Dust

Zinc Dust Pigmented coating

Corrosion mechanism

Corrosion mechanism

Good Inter coat Adhesion

Mechanism of Corrosion

Corrosion Control

Preparation of Anti corrosive Pigment Strontium Chromate

Synthetic Lamellar Iron Oxide: a New Pigment for

Anti-corrosive Primers

The need for an improved barrier pigment

Comparisons with traditional iron oxides

Summary and general conclusions

21. An Overview of Aluminium Pigment Technologies

Colour and Sparkle

Distinctness of Image—DOI

Tint strength

Particle size distribution

22. Metals and Metal Ions in Pigmentary Systems

23 Control of Organic Pigment Dispersion Properties

Experimental

Results and Discussion

24 Advances in the Science and Technology of Pigments

Arylamide Azo Yellows

Azo Red Pigments

Heterocyclic Pigments

Metal Complex Pigments

Surfaces treatment

Environmentally safe chemistry

Novelty and profitability pressures

25 Pigments for Plastics, Rubber and Cosmetics

Selection of pigment

Colouring Techniques

Colouring Thermoplastics

Polyethylene

Vulcan Fast and Vulcan Pigments

26. Pigments for Printing Inks

Fastness to Light

Organic pigment for printing ink should offer

27. Vat Dyes

Indigoid Dyes

Indigo

Thioindigoid Dyes

Anthraquinone Vat Dyes

Chemical Constitution of Quinone Vat Dyes

The Reduction of Quinone Vat Dyes

Vat Dye Dispersions

Reducing Vat Dyes with Hydros

Scheme 1

Scheme 2

Manufacture of Common Vat Dyes

CI Vat Brown 1 CAS 2475-33-4

CI Vat Yellow 2 CAS No. 129-09-9

CI Vat Yellow 4 CAS No. 128-66-5

CI Vat Orange 1 CAS No. 1324-11-4

CI Vat Orange 15 CAS No. 128-70-1 6

CI Vat Blue 20 CAS No. 116-71-2

CI Vat Green 1 CAS No. 128-58-5

Waste Streams of Vat Dye Manufacture

28. Reactive Dyes

Nucleophilic Substitution Systems

Trichloropyrimidine Dyes

The Chloropyridazine Systems

Quinoxaline Derivatives

Chloroacetyl and Bromoacetyl Derivatives

Vinylsulphone Dyes

Acrylamide Dyes

Evidence for Chemical Combination Cellulose

Properties of Reactive Dyes

Types of Reactive Dyes

Reactive Dye Structure

Properties

29. Disperse Dyes

Azo Dyes

Anthraquinone Disperse Dyes

Miscellaneous Disperse Dyes

Methine or Styryl Dyes

Coumarm Dyes

Formazine Dyes
Chemical Constitutions of Disperse Dyes
Disperse Dye Dispersions
Fastness Properties of Disperse Dyes
Manufacturing Process

30. Direct Dyes

Chemical Constitution of Direct Dyes
Major Types of Direct Dyes
Cationic Direct Dyes
Anionic Direct Dyes
Classification According to Dyeing Behaviour
Class A
Class B
Class C

31. Sulphur Dyes

Introduction
Properties of Sulphur Dyes
Sulphurised Vat Dyes
Ready-reduced and Solubilised Sulphur Dyes

32. Photographs of Plant & Machinery with Supplier's Contact Details

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