

The Complete Technology Book on Candle Making & Designs

Author:- NIIR Board of Consultants and Engineers

Format: paperback

Code: NI40

Pages: 354

Price: Rs.650US\$ 100

Publisher: NIIR PROJECT CONSULTANCY SERVICES

Usually ships within **5** days

Candles have been used for luminosity and to light up man's celebrations for more than thousand years. The ancient Egyptians have been credited with the honour of developing the first candle, who used rush lights or torches made by soaking the pithy core of reeds in melted animal fat. However, the rush lights had no wick like a true candle. The development of candle to the present stage went through several stages.

Candle making today has taken a shape of small scale industry. It has got attention of a lot of people. From celebrities to designers all are trying their hand in this emerging industry. One pertinent reason is that the use of candle now has not been confined only for devotional purpose or some special occasion. They are now a part of every single moment is it special or routine. They add a touch of warmth in the occasion and that does why have become largely popular.

Creativity has added a new spark to the candle making industry. Candle making is a very flourishing industry in modern times owing to the versatile use of candles on various occasions and ceremonies. Candles are prepared by well established methods in multifarious fascinating colours, designs and shapes. The book is one of the best seller and has chapters on:

Thermometer Weighing scales ,Measuring flask or jug ,Dipping can ,Bowl ,Iron, Hairdryer ,Pouring jug Materials ,Wicking needle ,Wick ,Wax , ,Dipping ,How to dipped candles Method ,More about dipping , Appliquéd candles ,Painting with wax ,Transfers ,Surface techniques Pressed flowers and grasses How to pressed flower candle Over dipping, etc.

This is one of its kind book which deals ostensibly with different candle making processes viz. Dipping, Pouring, Moulding or Casting and Drawing, delineating their technicalities in most illustrious manner with pictorial representations. The book will significantly add your knowledge if you are looking for comprehensive information on candle making industry to start their venture in said industry.

Introduction

Equipment and materials

Equipment

Heat source

Double boiler

Thermometer

Weighing scales

Measuring flask or jug

Dipping can
Bowl
Iron
Hairdryer
Pouring jug
Materials
Wicking needle
Wick
Wax
Additives
Wax glue
Mould seal
Dyes and perfumes
Creating colour
Using perfumes
Common sense with wax
Working with heat
Fire safety
Working with wax
Preventing accidents
Cleaning up
How to begin
Working with heat
Priming wicks
How to priming wicks
Method
Dipping
How to dipped candles
Method
More about dipping
Over dipping
How to over dipping (blue on white)
Method
Hand finishing
How to plaited candles
Method
How to twisted candles
Method
Rolling
How to flared spiral candles
Method
Beeswax sheet
How to tapered beeswax candles
Method
Hand modelling
Perfumed wax flowers
How to floating rose
Method
Wax fungi
How to fly agaric toadstool
Method
Common sense with candles
Fire Safety

Workshop Wisdom

Prevention

Cure

Dipped candles

Basic dipped candles

Overdipped candles

Spiral candles

Using templates

Floating candles

Beeswax sheets

Column candles

Spiral candles

Decorative candles

Sand candle

Stencilled candles

Surface texture

Appliqued candles

Painting with wax

Transfers

Surface techniques

Pressed flowers and grasses

How to pressed flower candle

Method

Applique

Inlays

How to bulls eye candle

Method

Carving

Method

Dip and iron back

Method

Hammering

Painting

Novelty candles

Whipped wax candles

How to ice cream cone

Method

Birthday cake candles

Balloon candles

How to balloon candle

Method

Sand candles

How to sand candle

Method

Water candles

How to water candles

Method Plunge

Method Pour

Ice candles

How to ice candle

Method

Burning down

Faults

Dipping
Casting in Moulds
Advanced Surface Techniques
Dip and carve
How to dip and carve candle
Method
Peeled Banana
How to peeled Banana Candles
Method Fruit
Method skin
Cutting corners
How to basic techniques
Method Dipping
Method Cut and Curl Corners
Method spirals
Snakes
Raw Materials
The Fuel
Paraffin Wax
Stearine
Micro Crystalline Wax
Tallow
Beeswax
Vegetable Waxes
The wick
Candle Making Processes
The Dipping Process
Dipping
Equipment Required
The Pouring Process
The Moulding or Casting Process
Equipment Required
Moulding
The Candle Drawing Method
Drawing
Wax Melting
Methods
Heating Equipment
Chemical Colours Used in Candles
Candle Power
Waxes used in Candles
Selection of Good Quality Waxes
Effect of Blending with Stearic Acid on m.pt
Selected Formulations
Foreign Type Candles
Transparent Candles
Procedure
Milky Candles
Procedure
Procedure
Procedure
Procedur
Milky White Candles

Procedure
Procedure
Procedure
Procedure
Procedure
Procedure
Purification of Wax
Coloured Candles Manufacture
Perfumed Candles
Medicated Candles Mosquito Repellent Candles
Formulation of Mosquito Repellant Candle
Procedure
Magic Candles
Formulations for Coloured Flame Candles
Procedure to Prepare Saturated Solution
Petroleum Waxes
Processes And Applications of Petroleum Waxes
Introduction
Manufacture of petroleum waxes
Paraffin Wax
Microcrystalline Wax and Petrolatum
Composition of Petroleum Waxes
Paraffin Wax
Microcrystalline Wax and Petrolatum
Physical Properties of Normal Alkanes
Physical and Mechanical Properties of Waxes
Physical Properties
Mechanical Properties
Toxicity of Petroleum Waxes
Methods of testing paraffin waxes,
Microcrystalline waxes, and petrolata
Melting and Setting Point
Colour
Odour
Oil Content
Penetration (for Waxes ASTM D 1321 65)
Tensile Strength (ASTM 1320 67; TAPPI T 644 os 67)
Viscosity
Industrial Applications of Petroleum Waxes
Paper Packaging Materials
*Waxed paper
*Folding cartons
*Corrugated board
*Flexible packaging applications
Application equipment for kiss coating and curtain coating
Candles
Polishes
Matches
Wax as a Base Material for the Chemical Industry
Testing of Waxed Paper Products
Water Vapour Permeability
Resistance to Water
Blocking of Waxed Papers

Gloss and Gloss Stability
Scuffing Resistance/Flaking
Sealing Strength
The Mineral Waxes
Petroleum
Petroleum
Properties
Vaseline
Adulteration
Ozokerite
Properties
Uses
The Natural Waxes
Vegetable Waxes
Carnaoba Wax
Physical and Chemical Data
Chemical Composition
Adulteration
Technical
*Source
*Yield
*Method
*Refinement
*Grades
Candelilla Wax
Animal Waxes
Wool Wax
General and Analytical
Physical and Chemical Data
Chemical Composition
Technical
Properties and Uses
Beeswax
General and Analytical
Physical and Chemical Data
Chemical Composition
Adulteration
Preliminary Test
Technical
Source
Method of Obtaining Wax
Refinement
Spermaceti
Insect Wax
Bitumen Waxes
Refinement
Refinement by means of Nitric acid
Candle Making Plant & Machineries with
Photographs & Supplier Details
Product Catalogue
Directory Section
Suppliers of Raw Materials
A. Paraffinic Wax

B. Supplier of Stearic Acid
C. Crude Petroleum
Plants & Machineries Suppliers/ Manufacturer
Fractionating, Distillation Column : Reboilers
Condenser
Storage Tanks
Heat Exchanger
Filter Press
Boilers
Thermometer
For Moulding/Casting
Water Bath
Mixer 320

About NIIR

NIIR PROJECT CONSULTANCY SERVICES (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our various services are: Detailed Project Report, Business Plan for Manufacturing Plant, Start-up Ideas, Business Ideas for Entrepreneurs, Start up Business Opportunities, entrepreneurship projects, Successful Business Plan, Industry Trends, Market Research, Manufacturing Process, Machinery, Raw Materials, project report, Cost and Revenue, Pre-feasibility study for Profitable Manufacturing Business, Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Business Opportunities, Investment Opportunities for Most Profitable Business in India, Manufacturing Business Ideas, Preparation of Project Profile, Pre-Investment and Pre-Feasibility Study, Market Research Study, Preparation of Techno-Economic Feasibility Report, Identification and Section of Plant, Process, Equipment, General Guidance, Startup Help, Technical and Commercial Counseling for setting up new industrial project and Most Profitable Small Scale Business.

NPCS also publishes various process technology, technical, reference, self employment and startup books, directory, business and industry database, bankable detailed project report, market research report on various industries, small scale industry and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by professionals including project engineers, information services bureau, consultants and project consultancy firms as one of the input in their research.

Our Detailed Project report aims at providing all the critical data required by any entrepreneur vying to venture into Project. 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.

NIIR PROJECT CONSULTANCY SERVICES, 106-E, Kamla Nagar, New Delhi-110007, India.
Email: npcs.india@gmail.com Website: NIIR.org

Fri, 21 Nov 2025 17:38:41 +0000