

Mechanical Chemical Electrical

Who We Are

About Us

We are an ISO/IEC 17025:2005 Accredited Laboratory by NABL in the Field of Chemical & Mechanical Testing.

We Also have Expertise & Facility in the Field of Electrical testing.

Contact Us

Phone: 022-60029777;
022-65012223,
022-65012224

Email: vishakha.patil@finefinish.net;
info@finefinish.net

Web: www.finefinish.net



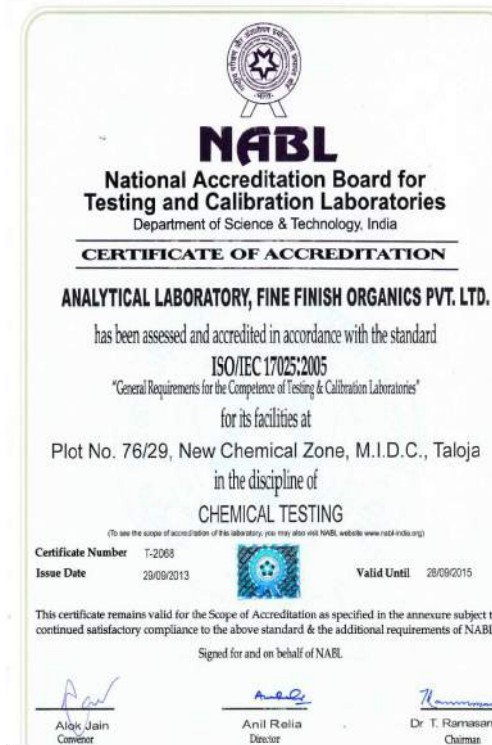
**FINE FINISH
ANALYTICAL
LABORATORY**
(A DIVISION OF FINE FINISH
ORGANICS PVT.LTD.)
Plot No.76&29, New Chemical
Zone, MIDC, Taloja
Raigad]
Maharashtra-410208

FINE FINISH ANALYTICAL LABORATORY
Testing. Analysis. Interpretation.



**FINE FINISH
ANALYTICAL
LABORATORY**

Testing. Analysis. Interpretation



[CERTIFICATE - CHEMICAL]

“ISO/IEC 17025:2005
ACCREDITED LABORATORY BY
NABL”

Our Team

- Experts in their areas
- Vast Experience
- Supportive
- Innovative

Our Capabilities

- Testing as per ASTM/ISO/IS/IEC/EN standards
- In-House Sample Preparation
- Post Test Analysis
- Interpretation of results

Our Equipment

- Best in Class
- Modern in Technology
- Traceable Calibration
- Intermediate Checks

Our System

- Confidentiality
- Integrity
- Ethical
- Strict Adherence to Law

FINE FINISH ANALYTICAL LABORATORY
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[CERTIFICATE - MECHANICAL]

Our Services

Mechanical

Resins, Plastics & Polymers

- Tensile Properties
- Flexural Properties
- Compressive Properties
- Heat Deflection Temperature
- Water Absorption
- Density
- Shore D
- Poisson's Ratio
- Volume Shrinkage

Polymers & Composites

- Tensile Properties
- Flexural Properties
- Compressive Properties
- Short Beam Strength
- In-Plane Shear Strength
- IOSIPESCUE (V-notched Beam method)
- V-notched Rail shear strength
- Barcol Hardness
- Tensile Single Lap Shear Strength
- Constituent Content
- Shear Modulus
- Poisson's Ratio
- NOL Ring Test

Adhesives

- Lap Shear Strength (Rigid to Rigid)
- Lap Shear Strength (FRP Bonding)
- Peel Strength

Varnishes/Resins

- Bond Strength
- Thermal Index

Rubber & Elastomers

- Shore A
- Tensile Properties

Sandwich Core Materials

- Flexural Stiffness
- Core Shear Modulus
- Shear Rigidity
- Flatwise Tensile Strength
- Facing Stress
- Core Shear Strength
- Shear Strength
- Shear Modulus
- Density
- Compressive Strength
- Compressive Modulus

List of Equipments Available

- Universal Testing Machine (50KN)
- Universal Testing Machine (100KN)
- Environmental Chamber
- Long Travel Extensometer
- Video Extensometer
- Barcol Hardness Tester

Our Services

Chemical

Paints, Plastics, Polymers & Raw Materials

- Viscosity by Falling ball viscometer
- Viscosity by Brookfield viscometer
- Epoxy Value
- Amine Value
- Easily Hydrolysable Chlorine Value
- Moisture Content
- Nonvolatile Content
- Viscosity by Flow Cup
- Specific Gravity
- Drying in thin layer
- Ability to cure in Considerable Thickness
- Dilution Ability or Compatibility

Paints, Plastics, Polymers & Raw Materials

- Reaction of Varnish with copper
- Effect of Varnish on Enameled wire
- Density by Hydrometer
- Density
- Pencil hardness
- Scratch Hardness
- Flexibility
- Melting Point
- Flash Point
- Glass Transition Temperature
- Specific Heat

List of Equipment Available

- Falling Ball Viscometer
- Brookfield Viscometer- LVDV-E
- Thermosel
- Brookfield Viscometer – DV-I Prime
- Small Sample Adaptor
- Rheometer
- Potentiometer
- Flash Point Apparatus
- Differential Scanning Calorimeter
- Bubble Viscometer
- Anticondensation test assembly

Our Services

Electrical

- Breakdown Voltage
- Dielectric Strength
- Proof Voltage
- Comparative Tracking Index
- Volume Resistivity
- Surface Resistivity
- Dielectric Strength of pressboard in Oil
- Dielectric strength of Insulating Liquids
- Voltage Vs Current Measurement for stress grading paints.

List of Equipment Available

- High Voltage Tester - 100KV
- High Voltage Tester - 5KV
- Comparative Tracking Index tester
- Million Meg Ohm Meter

Photos (Mechanical Lab)



UTM - 100KN



UTM - 50 KN



VIDEO EXTENSOMETER



BARCOL HARDNESS TESTER



FURNACE

Photos (Chemical Lab)



DIFFERENTIAL SCANNING CALORIMETER (TA INSTRUMENTS)



GARDENER BUBBLE VISCOMETER



BROOKFIELD VISCOMETER



FALLING BALL VISCOMETER



BROOKFIELD VISCOMETER



POTENTIOMETER



RHEOMETER



ANTICONDENSATION TEST SET UP

Photos (Electrical Lab)



MILLION MEGOHMMETER



CTI TESTER



HIGH VOLTAGE TESTER



HV SOURCE