

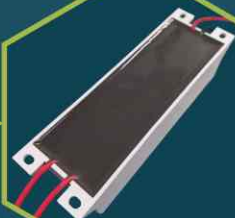


**VEEYOR
POLYMERS**

 **FORMULATING IDEAS**

Adhesives Sealant Coating Potting Encapsulation

VEESIL®



VEEGREASE®



VEEFOAM®



VEEFILL®



VEEPU®



Veeyor Polymers provide a specialist systems in three chemistries – Polyurethane, Epoxy resin, and Silicone. With a core focus on innovation and consistency in product quality, Veeyor supplies custom made pre-polymers to address specific requirement of adhesion, potting and encapsulation.

www.veeyorpolymers.com



38
YEARS OF
EXPERTISE



Our Plants



Unit I - Bangalore



Unit II - Malur

Where Innovation meets Ideas & Ideas come to reality!

At Veeyor, we have a team of dedicated **scientists, including doctorate holders, engineers, and chemists**, who conduct thorough research and development. We begin by developing the **base polymer and its cross-linker or hardener**, and then formulate it to cater to the precise requirements of our clients.

To meet the specific application needs, we often

modify parameters like **viscosity and specific gravity**. Our unique blend of resin production and formulation techniques provides significant advantages to achieve diverse **mechanical or electrical properties**. Overall, our approach ensures that we deliver customized polymer formulations that meet the needs of our customers.

Numbers that Speak



500+
Industrial
Customers



400+
Patrons



200+
Products



10+
Sectors Served



10+
Countries Served

Message

from **Our Chairman**



I am a firm believer in **quality** and **commitment** when it comes to sustaining business in a competitive environment. Both can be achieved only by ensuring integrity in **raw material quality, consistency in manufacture, ethical work culture, competitive pricing** and **prompt delivery schedules**, which Veeyor® Polymers impeccably follows.

As a policy, we have always maintained that pricing is of paramount importance imperative of the dynamic economy.



K. Ramanathan
Chairman

Our Product Applications

Potting

- > Non-Auto Electronics
- > Auto Electronics
- > Consumer Electronics



Sealants & Adhesives

- > Industrial Oil & Fuel Filters
- > Gaskets
- > HT Sealants
- > FIPG/CIPG
- > Hepa Filters



Encapsulation

- > Instrument Transformers
- > Dry Type Transformer
- > Switch Gears



Tooling

- > CNC Bed – Vibration
- > Resistance Machinery
- > Porosity Sealants



Construction

- > Road Reflector Adhesives
- > Thermal Insulating Foams
- > Flooring
- > Joint Sealants
- > Grouting



EV Mobility

- > Electric Motors
- > Sensors
- > Battery Packs
- > DC-DC Convertors
- > USB Chargers
- > EV Chargers



Our Capabilities

Research & Development

- > R & D with advanced testing facility
- > Proficiency in the development of base resins and hardeners

Process Management

- > Process control management to achieve desired results
- > ISO 9001:2015 process implemented

Manufacturing

- > State-of-the-art manufacturing facilities with monthly manufacturing capacity of over 1000 tonnes
- > New age manufacturing like single and double planetary mixers, sigma mixers etc
- > Capabilities to heat upto 300°C and cool upto -30°C

Delivery

- > Efficient planning and stock management
- > Short order to production and delivery times



Double
Planetary Mixer



Production
50 L Glass reactor 1
100 L Glass reactor



Sigma Mixer



Gas
Chromatography

Polyurethane

Complete range of Polyurethane formulations

Veeyor's bio-based polyurethane compound offers a diverse range of properties, such as excellent flexibility, high thermal conductivity, good foam, good adhesion, and superior crack resistance. We offer both foaming and non-

foaming grades to cater to the unique needs of our customers. Our products have been developed with varying hardness levels, starting from Shore OO 10 to Shore D 80.

Key Features

- > Low to medium viscosity
- > Better thermal shock resistance
- > Good thermal conductivity
- > Good anti settling properties
- > UL94 approved

Applications

- > LED Drivers
- > Hepa Filter and Auto Air Filters
- > LT Current Transformer
- > Fan Run / Motor Run Capacitors and many more...



Product Code	Application	Density	Viscosity	Gel Time	Mix Ratio	Hardness
VEEPU® 1150	Sealant for Industrial air filters	1.15-1.27	1000-1500	12-16 mns	100:30	70-80 Shore A
VEEPU® FR 262	UL classified sealant, encapsulation material for toroidal transformers, capacitors and air filters	1.3-1.4	6000-9000	45 mns	100:20	70-80 Shore D
VEEPU® HT 555	Sealant for High temperature applications in air filters	1.4-1.6	5500-7500	35-45 mns	100:30	65-75 Shore D
VEEPU® 3007	General purpose filter sealant	1.4-1.6	5500-7500	35-45 mns	100:30	65-75 Shore D
VEEFOAM® 1001	Polyurethane foam gaskets used in electrical panel boards and air filter applications	0.21	20000-50000	6-8 mns	100:24	35-40 Shore OO
VEECAL	Single component polyurethane insulation gel for burst proof capacitors	1.05 - 1.15	3500-5500	-	-	-

*ROHS & Reach compliant

Silicone

Silicone systems for Potting and Sealing Applications

Our range of products covers several Shore A hardeners and gel consistency where the application demands. Our systems offer excellent re-workability when potting of expensive non-proprietary components are involved.

Veeyor's Silicone systems offer excellent thermal shock resistance, UV & chemical resistance, and retain elastomeric properties upto 225°C

Key Features

- > Room temp curing
- > UL94 approved
- > Low viscosity system
- > High elongation & tensile
- > Good reworkability

Applications

- > Led Driver
- > Solar Junction Box
- > Head Lamp & Lamp Sealing
- > Insulators and many more...



Product Code	Application	Density	Viscosity	Gel Time	Mix Ratio	Hardness
VEESIL™ 6060 FR	LED Drivers potting, EV, protection of Printed circuit boards used in control panel	1.6	1500-2000	45 mns	1:1	45 Shore A
VEESIL™ 5095 FR	Thermal gap fillers mainly used in EV batteries manufacturing	1.95-2.2	100000-150000	30-40 mns	1:1	60-75 Shore OO
VEESIL™ 5080 (THERMAL GREASE)	Thermal grease used as a heat sink compound for electric board protection	1.90- 2.20	40000-60000	-	-	-
VEESIL™ 1805	Silicone gel used in filters and electronics component protection	0.95-1.0	800-1000	1-2 hrs	1:1	-
VEEPU® OU 7329 Solar Potting	Solar panel junction Box potting and general purpose soft potting material for auto electronics EV mobility	0.7-1.35	7000-9000	20-40mns	100:10	35-45 Shore A

Epoxy

Epoxy compounds for potting and encapsulation

At Veeyor Polymers, we have special compounding techniques that allow the use of halogen-free and ROHS compliant pre-polymers to achieve UL94 V-0 flame retardancy properties.

Veeyor's epoxy compounds offer good

mechanical and electrical properties. Our compounds also ensure effective protection in challenging environmental conditions while improving mechanical strength and offering high electric insulation.

Key Features

- > High viscous system
- > Class B, F, H insulation
- > Filled and unfilled systems
- > Development of high molecular weight epoxy
- > Good thermal shock resistance

Applications

- > Ignition Coils, ECU
- > Flashers, Side Stand Sensors
- > EV Motors, Chargers, Switchgear Components
- > CT, PT, Dry Type Transformers
- > Toroidal Transformers and many more...



Product Code	Application	Density	Viscosity	Gel Time	Mix Ratio	Hardness
VEEFILL® 4412	Old cast encapsulation material used for low voltage transformers	1.75-1.85	20000-25000	240 mns	1:1	75-80 Shore D
VEEFILL® 60	General purpose electrical component encapsulant	1.25-1.35	10000-12000	60-90 min	100:5	70-90 Shore D
VEEFILL® 4402	General purpose hard potting material for auto electronics, EV mobility used in DC link capacitors	-	-	-	-	-
VEEFILL® 6000	Ignition coil encapsulant used for gas turbine application for generating wind energy	1.45-1.55	5000-7000	2.5 hrs	100:44	80-85 Shore D

Export to 10+ Countries

Key Regions

- > USA
- > UAE
- > THAILAND
- > KOREA
- > SAUDI ARABIA
- > UNITED KINGDOM
- > BANGLADESH
- > MALAYSIA
- > PORTUGAL



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