



**PERFECT COLOURANTS
& PLASTICS PVT. LTD.**

An ISO 9001:2015 Certified Company

Providing you the best quality

liquid colour and additive masterbatches
for all kinds of thermoplastic application

Liquid colourants for PU application

Dry pigments

Liquid Purging

Dispersing Agent

Polyurethane binder

(mainly used in reprocessed Polyurethane)



Welcome To Our Colourful World

Perfect Colourants and Plastics Pvt. Ltd. (PCPPL) is one of the pioneers and leading Masterbatch Manufacturer in India, and specially know for Exporters of colour, black, white and additive masterbatches and compounds.

The company commenced operation in 1987 and has been marketing its products under the brand name CONCENTRAT. Our manufacturing units are located in Western India (Vadodara & Halol). PCPPL is catering to the world including African, Middle East & Asian markets since 1996.

We proud to be elected as A Govt. Recognized Export House by the Government of India. Our all plants are certified for its Quality Management System under ISO 9001:2015 standard. The company's value proposition lies in the dedicated testing laboratory and Research and Development department & full commitment for service to its customers.

This enables PCPPL to have stringent quality check, develop tailor made customer centric colours and constantly strive to innovate products which adds value to the customer's application. PCPPL products can meet demands criteria of food packaging norms as per IS 9833, ROHS, REACH, EN71 or any other desired standard. PCPPL range covers a wide spectrum of quality products for various thermoplastics viz.

PE, PP, PC, ABS, HIPS, GPPS, NYLON, PET, PBT, POM etc. The company has three modern dedicated production facilities with twin screw extruders for White, Colour & Black.

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Our History

The company commenced operations in 1987 and has been marketing its products under the brand name CONCENTRA™. Today PCPPL has manufacturing units in Western India (Vadodara & Halol)



Our Mission

To Excel...To Grow...To Reach Out...The mission of Perfect Colourants & Plastics Pvt. Ltd. is to excel with the excellent professional decorum along with the concern for the quality products.



Our Vision

The vision of Perfect Colourants & Plastics Pvt. Ltd. is to be a trusted & proven global manufacturer of Masterbatches. The prime concern to be a concerned Manufacturer comes from the driving vision of the company.



Our Team

Team effort increases output by having quick feedback and multiple sets of skills come into play to support your work. Ultimately, when a group of individuals works together, compared to one person working alone, they promote a more efficient work output and are able to complete tasks faster due to many minds intertwined on the same goals and objectives of the business.

OUR PROCESS FOR PERFECT PRODUCT!

It can be customized to fit any need and purpose with ease. You get to experiment with various elements, both for business and creative projects, as well as utilize it for building successful eCommerce sites with just a few adjustments.

01 **Mixing**

In this stage we Mixed all the materials in Perfect Quantity.

02 **Extrusion**

Mixing is passed through state of art twin-screw extruders to provide supreme dispersion & uniformity.

03 **Palletising**

In this stage machine provides automatic means for stacking cases of goods or products onto a pallet.

04 **Drying**

In this stage Product get set with help of Drying for perfect volume and shape.

05 **Quality Check**

It is Two stage quality check process to insure 100% Consistency.

06 **Packing & F.P**

Final stage where product get packed and ready for shifting.



LIQUID COLOURS AND ADDITIVE MASTERBATCHES FOR ALL KINDS OF THERMOPLASTIC APPLICATION

Our customers can avail from us an array of Liquid Color Masterbatches. We use highest grade value ingredients obtained from reliable vendors, to formulate these products. Our staff of diligent personnel give a keen eye for detail in the processing of these products in order to deliver a product of outstanding performance. We also provide customized formulation of these products with built-in compatibility for different polymers. Additionally, these are available in various different colors and shades. Further, at our end we use sophisticated technology and intellectual expertise in their production. We have a range of liquid color masterbatches,

Most of our colour masterbatches are bespoke and designed specifically for our customers needs. Working closely with our thermoplastic additive division we can incorporate additives into our colour masterbatch offering an "all-in one" solution providing a bespoke colour and performance that exactly meets your specific requirements.

Our high-performance color solutions for thermoplastics are low viscosity liquids comprised of the highest quality colorants dispersed in proprietary vehicles, compatible with most thermoplastics and engineering resins.

In addition to our standard colors and chemistries, PCPPL is continuously developing thermoplastic liquid color concentrates as new customer needs arise. Our custom color matching capabilities allow us to work closely with customers to create an application- and market-specific solution

High pigment loading up to 80% decreases coloring cost and increases color uniformity

Let down ratios for opaque colors 100:1 to 200:1

Let down ratios for transparent colors > 400:1 to 1000:1

Range of standard single colorant dispersions immediately available

Custom colors are available on short notice, faster developments

APPLICATIONS FOR PCPPL LIQUID COLOR CONCENTRATES FOR THERMOPLASTICS INCLUDE:

Injection-molded plastics

Extruded plastics



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VALUE ADDED SERVICES

Advanced Color Matching

PCPPL technicians combine their talents with today's most advanced computer color analysis equipment to offer our customers precise color-matching services. Our spectrophotometry process minimizes metamerism, speeds up color matching, ensures consistent quality and helps identify the pigment combination that produces any given color for the lowest possible cost and right performance characteristics, including outdoor durability and NIR reflectance.

PCPPL can match your color chip/drawdown or we can refer to complete files of OSHA, Munsel, RAL, Federal Standard 595 Series or Pantone® matching systems to achieve your reference number. All of our colors are matched to PCPPL standards or your reference sample, ensuring precise color reproduction from order to order.

Providing Formulation Guides / Assistance with Startup Formula Creation

We assist customers in their product development efforts to ensure regulatory compliance (e.g., usage in food, cosmetics) and desired performance including anticorrosion, outdoor durability and NIR reflectance.

Local Laboratory Testing

Our laboratory facility teams support customers' production and development activities

Custom Formulations

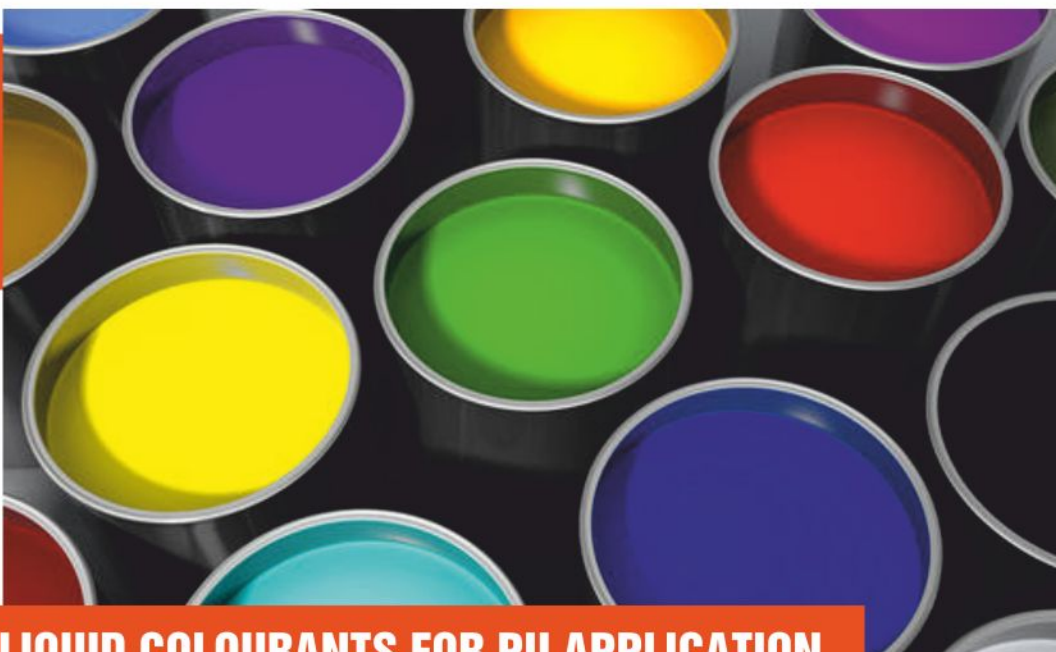
We work closely with our customers to co-innovate and develop customized high-performing and economical coloring solutions based on application requirements and operational processing needs, including custom formulations for plastics.

Custom Manufacturing

PCPPL provides custom manufacturing services to add value to specific projects, particularly in cases which our production facilities and know-how allow our customers to reach cost-efficiency targets or attain higher performing final products.

Toll Manufacturing

For customers who need additional manufacturing capabilities, we provide a full range of manufacturing capacities, from pilot runs to full-scale production.



LIQUID COLOURANTS FOR PU APPLICATION

Perfect Colourants and Plastics Pvt. Ltd. (PCPPL) offers pigments and carbon black dispersions, as well as specific additives that find application in a large variety of industries such as Flexible foams, Rigid foams, Automotive, Construction, Furniture and Footwear. PCPPL liquid colours guarantee maximum dispersion and uniformity of colouration.

PCPPL solutions are so designed to enable their use in all polyurethane and thermo-hardening systems. PCPPL uses innovative and functional powder dispersion technologies to efficiently obtain a regular, fine and homogeneous product with constant quality.

PCPPL's low viscosity colourants ensure excellent colour strength and ease of use. PCPPL colour range is made of formulations suitable for a wide variety of applications in the flexible, integral, rigid and c.a.s.e. polyurethanes sectors.

PCPPL products offer the user infinite variations that give colour and differentiate final products preserving the physical properties of the material. The low viscosity liquid colours are supplied ready to use, offer excellent performance and easy handling and storage.

Additives

PCPPL liquid additives for Thermoplastic & polyurethanes are mainly used as an aid in the performance and protection of the finished product: improving its resistance to heat, reducing oxidation and protecting it from aging, crucial elements for improving the physical properties of Thermoplastic, polyurethane and its performance.

They are also used to improve their aesthetics, especially to mask possible inhomogeneity of the material. PCPPL is the ideal partner in the development and production of customized specialties where a perfect dispersion of solid and non-solid additives is required.

Equipment

PCPPL offers a range of internally engineered dosing units, able to improve the quality of the colouring process and to offer maximum dosing precision of liquid colours and additives.

DRY PIGMENTS



Mono Concentrates

Customized Concentrates

LIQUID PURGING



Effective Purging
Faster Cleaning

Increasing Screw Barrel Life
Corrosion Inhibitor



DISPERSING AGENT

PCPPL offer a vast range of pigment dispersions and pastes for all Thermoplastics & pu applications, matched to your specifications using our extensive range of pigment options and advanced dispersion knowledge. We offer unrivalled quality through 100% inspection on all of our liquid dispersion products. Our ISO 9001 certified process ensures your exact requirements are met.

LIQUID DISPERSIONS PRODUCT RANGE

Pigment Dispersions for Epoxy / PU Flooring

Pigment Dispersions for PVC Plastisol

Pigment Dispersions for Polyurethane Resins and Moulding Compounds

Plasticiser Pigment and Additive Dispersions

Pigment Dispersions for PU Foam

We have a variety of mixing and milling machinery at our disposal including high speed dispersers, Silverson mixers, triple roll mills, basket mills and horizontal beadmills ranging from 1.5 litre capacity up to 100 litres capacity.

In addition to our wide range of pigment dispersions we also offer a toll manufacturing service. For enquiries about this service or any of our other liquid dispersions and pastes please contact our sales team who will be happy to assist you.



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