Colorants, Compounds, Additive Masterbatches and Custom Polymer Solutions
Innovative solutions for today’s markets and tomorrow’s game-changers

Plastics Color Corporation is a global provider of custom polymer solutions, compounds, colorants and additive masterbatches for an extensive range of markets including pharmaceuticals, medical devices, consumer packaging, sporting goods and many more. PCC supports a wide variety of manufacturing processes and materials. If it can be made from plastic, PCC can help you make it better, stronger, more flexible and more attractive.

Sustainable solutions for polymers
PCC is at the forefront of creating environmentally sound solutions for colorants, resins and additives. We offer several sustainable product lines that include color concentrates made with post-consumer regrind (PCR) and industrial plastic content; eco-friendly colorant and additive systems and compounds that deliver true biodegradability while maintaining the structural and aesthetic characteristics of traditional polymers; and a line made from renewable resources.

In 2010 PCC introduced our line of color concentrates made with various levels of PCR, from 25 to 82 percent. This was our first step in helping our customers realize their sustainability goals.

PCC also offers a full line of solutions designed to enhance the physical properties and improve aesthetics of PLA. SoluPLAs™ for PLA provides the strength and clarity your end-customers demand and the processing capabilities you require.

Our newest sustainable innovation is SoluPur™ with EcoPure®. When added to virtually any resin, SoluPur with EcoPure promotes biodegradation of traditional petroleum-based plastic products in biologically active landfills.

Black & white masterbatches
PCC has a well-earned reputation as an integral player in the black and white concentrate market. We are a major supplier of black and white masterbatch in a variety of resins, helping to add quality to a diverse line of products, from drainage pipe to FDA packaging.

Additive masterbatches
PCC recognizes the need for a number of process and performance enhancements in your production. We offer single additive masterbatches and total solution packages to meet any production or process requirement. PCC also offers such additive packages as antiblocks, antistats, blowing agents, thermal stabilizers, UV absorbers and inhibitors, and antimicrobials.

SoluPET™ line of products for PET
PCC’s new SoluPET™ line of colors for Polyethylene Terephthalate (PET) was developed to provide ready-made and custom solutions for pharmaceutical, nutraceutical and food contact applications. Our colors are FDA compliant and meet U.S. Pharmacopeia requirements for light transmission. PCC is constantly expanding our line of SoluPET solutions, including a new line of ready-to-form sheet products.
If it can be made from plastic, PCC has the expertise, experience, innovative spirit and global resources to make it better.

FlamaSol FR™ advanced flame retardants

PCC’s new flame retardant system produces superb extinguishing performance without the use of PBDEs. FlamaSol FR is ideal for use in construction materials, warehousing products, personal electronic equipment and other applications where flammability or ignition is a concern. Products made with FlamaSol FR will self-extinguish, protecting surroundings and personnel from fire hazards.

Dry color blends

Considered a cost-effective process compatible with rotational molding, dry color is yet another area in which PCC has made and keeps its reputation for excellence.

Toll compounds

Toll processing demands the kind of expertise that only the most tested companies can provide. With more than 40 years in the business, Plastics Color Corporation is uniquely equipped to process materials to your exacting specifications.

LiquiSol™ liquid systems

PCC’s new LiquiSol color and additive system for polymers is a full system designed to integrate liquid into our customers’ operation. This provides alternatives for specific manufacturing processes, not a replacement to color resin concentrates.

There are often advantages of liquid over solid concentrates including lower let down ratios, better thermal stability, reduced storage space requirements and versatility in formulations. PCC has the expertise and experience to help our customers explore the benefits of liquid in their operations.
Products & Services

In an effort to help our customers improve their business and reduce time to market, PCC created isaac™, a customizable web portal that connects customers to a broad range of useful business information and resources. The online information service is a dynamic new system that allows PCC to engage its customers at the earliest stage of development. We keep you informed of everything we do as collaborators in the plastics market, from concept through production and distribution.

**Unique technology for the market**

TCM is a new way of doing business. It is a system dedicated to identifying, understanding and assuming all issues related to color and its use in your organization. Using isaac, TCM helps you manage your color-related issues by involving our business development team at the earliest stage of product development. Through isaac, you’ll have access to a wealth of information about your business relationship with PCC.

**Lab services**

PCC’s four labs all have extensive capabilities when it comes to testing, formulations and color matching. But we go well beyond the routine. PCC prides itself in helping our customers develop new cutting-edge products that lead their markets. Our labs are accredited by the American Association for Laboratory Accreditation (A2LA) to meet the requirements set forth in ISO/IEC 17025:2005. Our state-of-the-art testing and production equipment is complimented by the unparalleled quality and experience of our staff. The labs, an integral part of the Plastics Color Solutions Center, develop new polymer solutions for an ever-expanding range of applications.

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Plastics Color Corporation leverages our technical expertise and 40 years of experience in virtually every market – from consumer goods to medical packaging – to bring you the best possible solutions to your technical challenges. No matter what your process, PCC can work with your technical staff and design team to develop the results your end-users demand.

**Consumer products**
When durability and aesthetics can make a difference between a successful product launch or one that fails, PCC’s understanding of color trends can help you develop products that lead their categories. PCC has experience in everything from lawn equipment, toys and appliances to electronics, furniture and office supplies.

**Food and beverage packaging**
PCC is the hands-down leader in color and additive products for food and beverage containers. Our SoluPET™ line of products provides standard and custom colors for PET, leading the way in this number-one recycled polymer. The SoluPLAs™ line of modifiers for PLA allow their use in a range of packaging products previously not possible. And we also offer biodegradable solutions to meet a growing demand for these products from the food and beverage industry.

**Medical**
PCC is immersed in this highly technical and sophisticated industry to develop and produce engineering-grade materials for medical devices, medical packaging and consumables. Our understanding of FDA requirements, combined with the capabilities of our clean compounding facilities, ensures products that are free from contamination and can be manufactured in any lot size.

**Health and beauty**
When health and beauty companies are looking for that next big “thing” they come to Plastics Color. Our expertise in packaging and our understanding of color trends help predict the market, create the perfect brand image and produce just the right look. In PCC’s Solutions Center, ideas are not just born. They’re nurtured and tested, under real-world conditions where brand identity and speed to market are always critical considerations.

**Pharmaceuticals and nutraceuticals**
The overwhelming critical need in producing plastic containers and other packaging for the pharmaceutical and nutraceutical markets is cleanliness and elimination of any possible contamination. Plastics Color leads in the development and production of colorants and additives for this market. From lessons learned at our North Carolina Plant Within a Plant, and by listening to our customers, we designed and constructed our clean compounding facility in Southern California. It was built specifically to produce engineering-grade materials for pharma, medical and food products. The plant incorporates many innovative features and operates with minimal human intervention.
With the evolution of PCC’s Solutions Center, clients can now step outside their traditional design routine and step into a facility dedicated exclusively to putting their products and brands in the best light. The Solutions Center consists of a high-end color design center, linked to a comprehensive research laboratory. It’s an ideal marriage between the art of color and the science of plastics – a creative and problem-solving center where clients can immerse themselves in branding and product-line development, supported by decades of PCC expertise and state-of-the-art equipment.

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Concept to commercialization

The Solutions Center features a balance of real-world lighting conditions, a 10,000-chip color library, a resource library and all the amenities of a relaxed living environment. PCC works with our customers from concept through testing in our state-of-the-art production facility. We help you create a brand identity, a new product line or the perfect color across a broad spectrum of polymers.

Results

The Solutions Center has produced several products that lead in their categories including: SoluPET™ solutions for PET; SoluPLAs™, a full line of packages for Polylactic Acid that make PLA polymers more “user-friendly” and more accepted in the marketplace; the LiquiSol™ system for liquid colors and additives; and FlamaSol™, a unique line of safe flame retardants.
Solutions that matter

Our global company is dedicated to sustainability in all of our production practices and encouraging eco-friendly practices throughout the industry. Plastics Color Corporation is the long-time champion of the environment in the plastics colorants and additives market. Long before others talked about "green plastics," PCC was working on earth-friendly solutions. Our innovative sustainable products lead the industry and our own business practices demonstrate our commitment.

Starting at home

In addition to what’s being responsibly produced for the market, PCC promotes sustainability within our own walls. PCC is at the head of the class when it comes to the four R’s:

• Recycling material whenever possible
• Recapturing 100 percent of production residual for additional use
• Reusing 100 percent of the oil servicing production floor equipment
• Replacing aging, less efficient machinery

Thanks to investment in a state-of-the-art filtration system, PCC can use the same oil almost ten times over. The system has already paid for itself, confirming that being good to Mother Nature is good for the bottom line. We reduced our carbon footprint in our Calumet City, Ill. manufacturing facility by replacing existing lighting with new energy-efficient fixtures. The 247 tons of CO₂, 1,001 pounds of SO₂ and 1,667 pounds of NOX saved by doing this project is equivalent to taking 40 cars off the road or the planting of 4,600 trees!

Clean compounding centers

For medical, food packaging and drug manufacturers, if anything beats our 7,000 square foot Plant Within a Plant facility in North Carolina, it’s our new clean compounding operation in Southern California. Built on the success of the North Carolina line, it was designed from the ground up to minimize human intervention during production and nearly eliminate the possibility of contamination. Both California and North Carolina allow PCC to apply and evaluate the most advanced manufacturing techniques, including just-in-time production and small-lot runs under actual conditions. In California we’ve installed natural lighting and advanced water filtration systems as well.
Call us today about our products, services, early-stage partnerships, development, financing, marketing and a full range of other business opportunities.