

MILANO COLORI

COLOR SOLUTIONS THAT COVER THE WORLD OF

PACKAGING



 **PENN
COLOR™**
A WORLD OF COLOR

PENN COLOR IS A WORLDWIDE LEADER

in the development and manufacture of color and additive concentrates for plastic packaging. You go to great lengths to make your product different and better than the rest. We do the same.



I M A G I N A T I O N I N N O V A T I O N U N C O M P R O M I S I N G Q U A L I T Y

PROVIDING CUSTOMIZED SOLUTIONS FOR YOUR PACKAGING NEEDS

Penn Color develops and produces color and additive concentrates for all polymers used in the packaging market including, but not limited to;

- Polyolefins
- Polystyrene
- Polycarbonate
- PET
- PETG
- PVC
- ABS
- SAN
- TPU
- Bio-derived polymers

Our collaborative design team remains at the forefront of all new special effect pigments that come on the market to maximize the shelf appeal of your product.

Our skilled technicians are adept in keeping excellent color harmony across multiple polymers creating an eye catching & professional looking package.

MEETING YOUR NEEDS EXCEEDING YOUR EXPECTATIONS

The very nature of the packaging market is change, and the market has changed considerably over the years. Expectations for shorter lead times, smaller order sizes, and tightened specifications have never been greater.

Penn Color understands that every customer's requirements and expectations are different. Our products and services are tailored to fit those distinct needs.

Our color and additive concentrates are found in all segments of the packaging market.

Whether you're making...

- Bottles
- Molded Containers
- Tubes
- Closures
- Film and Sheet
- Thermoformed Containers

...let Penn Color design an innovative solution for you.



SUPPORTING YOU EVERY STEP OF THE WAY

Brand owners and converters are welcome to visit our Global Research Center in Hatfield, PA for onsite custom color matching and product development. Work with one of our product development specialists to achieve the exact effect desired for your product launch.

Penn Color offers the support of our own internal applications equipment for product development. Prototyping capabilities today include adjustable thickness injection molds, tube extrusion, and both PET and PP blow molding.

We also offer specialized technical support and assistance at the converter's operation to ensure our color and additives are dosed properly in your process.



PENNACLE® COLORANTS FOR PET

The anchor of our packaging line is our proprietary Pennacle® line of colorants for coloring PET. Whether your PET colorants are based on wax, liquid or bottle grade PET, you'll benefit from the following features from Pennacle® PET:

- Solid, polymer based carrier system
- Free-flowing uniform pellets
- High pigment loadings and low dosage levels
- Maximum IV retention
- Complies with FDA and EU food regulations

With Pennacle® PET, you'll experience:

- No screw slippage
- No delamination
- No messy clean up
- No pre-drying the colorant
- No special color feeders

Pennacle® PET – Formulated to do more, easier.





GREEN

IS ONE OF OUR FAVORITE COLORS

PENN COLOR HAS INVESTED

both time and resources into becoming a more earth-friendly company by developing initiatives that have resulted in a number of reductions in energy use and waste disposal.

Team members with responsibilities in Environmental Management, Chemical Engineering, Process Engineering and Mechanical Engineering work closely with plant management to identify where production can be improved and waste can be reduced.

We also provide training for key employees to qualify in Six Sigma and Lean Manufacturing Production Practices.

PENN COLOR'S EARTH-FRIENDLY INITIATIVES INCLUDE:

- Utilization of heat exchangers on process equipment to provide heat in some facilities
- Installation of Regenerative Thermal and Catalytic Oxidizers to significantly reduce volatile organic compounds and hazardous air pollutants
- Installation of energy-efficient lighting along with motion sensors at selected locations
- Recycling of paper, cardboard packaging, scrap metal and other waste for use as a secondary fuel
- Reuse of cardboard gaylords, steel drums and other by-products of the manufacturing process
- Improved inventory programs to track raw materials and finished products to ensure they do not exceed shelf life
- Process improvements that result in better product quality and reduced process time
- Working with our customers to promote low or no VOC products, through the use of vegetable and aqueous based polymers and diluents
- Formulating products that will optimize the conversion of solar energy
- Improved utilization of manufacturing floor space and existing equipment reducing the need for additional equipment and energy usage

For more information, visit our website.



400 Old Dublin Pike
Doylestown, PA 18901
215.345.6550

2755 Bergey Road
Hatfield, PA 19440
215.997.2221

2801 Richmond Road
Hatfield, PA 19440
215.997.2221

540 Hackett Mill Road
Ringgold, GA 30736
706.937.9200

30 Paul Kohner Place
Elmwood Park, NJ 07407
201.791.5100

1474 Putman Parkway
Milton, WI 53563
608.868.2905

Smakterweg 31
5804 AE Venray
The Netherlands
+31.478.554000

Plot 808/C Dr. B.A. Road
Dadar, T.T.
Mumbai 400-014 India
+91.22.2414.0020

PENNCOLOR.COM