



# Specialty Color, Compounds & Additives

Technologically-advanced solutions for custom, on-trend materials.

YOUR TRUSTED PARTNER FOR



Coloring a full range of polymers



Product testing & analysis



Custom effects & additives



Regulatory & compliance support



Sustainable solutions



# About Teknor Color



Take a step back in time to 1924. The iconic **colorful** Olympic rings present the first-ever Winter Olympic games. In that same year, Teknor Apex started its journey to becoming a global provider of all things compounding (*yes, we're old!*)

With age comes wisdom and additional strength to our Teknor Color brand, which builds upon Teknor Apex's rich history of innovation with cutting-edge technology from Lanier Color (2021). As demand increases for more complex color options and special attributes within the thermoplastics industry, Teknor Color, a division of Teknor Apex, offers the solutions and expertise necessary to support manufacturers through the most complex product color challenges. Our technologically-advanced additives and pre-colored compounds allow for end products with **stories to tell and features that sell.**

## We are Committed to Your Success

There's a reason why our customers have been with us for decades. We take pride in our intimate approach to doing business, which results in collaborative partnerships and top-notch customer service. Allow Teknor Color to improve your manufacturing processes, meet consumer demands, and increase speed-to-market by taking advantage of our robust in-house Application Development Center.



**Want to learn more?**

◀ Check out our interactive company timeline!



# Color. It's a defining factor of your products and brand.

Teknor Color delivers unique and consistent color, allowing the look of your products and packaging to remain easily recognizable to consumers while standing out from your competition. Whether you are considering an alternate material supplier to match your existing colors or a partner for new creative color solutions, **we've got you covered.**

## Primary Markets for Colored Compounds

Improve your speed-to-market, launch new products with a competitive market advantage, and advance product features within your existing portfolio with solutions from Teknor Color. Available in a full range of standard and custom colors, including special effects, our color solutions allow for on-trend and on-brand products in a wide range of applications including, but not limited to, four primary markets.



BUILDING & CONSTRUCTION



DURABLE GOODS



PACKAGING



FILM & SHEET

## Sustainable Materials

Teknor Apex is committed to providing solutions that help to protect our planet now and for generations to come. Teknor Apex offers unique solutions for product recycling and efforts towards a circular economy:



Colored materials are available with UBQ™ and post-consumer recycled material.



Alternative pigments to traditional carbon black enable products using Teknor Apex-colored compounds to be recognized during Near-Infrared (NIR) sorting at recycling facilities.



# Building & Construction



Color matters, especially in the building and construction industry. Endless color options and critical attributes such as heat performance, weatherability, slip-resistance, and flame-retardancy enable limitless on-trend offerings for building products manufacturers. Whether you're working with acrylic, PVC, ASA, TPE, TPU, TPO, TPV, olefins, or styrenics, our team will work hand-in-hand with you to ensure your compound and capstock needs are met.

### Sample applications:

Windows, siding, decking, railing, fencing, doors, roofing, seals, barriers, protective caps, delineators, cables, profiles, floor coverings, insulation, equipment components, etc.

# Durable Goods



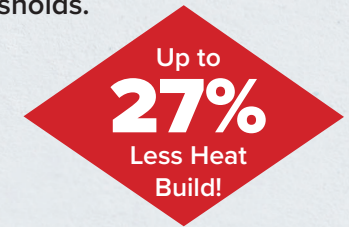
Supporting the stringent regulatory demands within the durable goods market, Teknor Color provides solutions that take regulations and market trends into consideration. Our team can help answer your toughest manufacturing and materials challenges. Our advanced materials allow your products to feature special properties such as antimicrobial, biocompatibility, halogen-free, flame retardancy, and reduced carbon footprint at the end of the product lifecycle, and more.

### Sample applications:

Electronics, wire and cable, appliances, pool slides, home storage containers, school furniture, boat consoles, garden hoses, etc.

## Ask about SpectraCool low heat build technology

Teknor Apex's SpectraCool low heat build technology is critical to producing darker products that stay within desired temperature thresholds.



77

Standard  
BLACK

56

TA  
SpectraCool  
BLACK

ASTM D4803 Horizontal Predicted Heat Build Up, °F

69

Standard  
BRONZE

51

TA  
SpectraCool  
BRONZE

Ask about  
**Special effects**



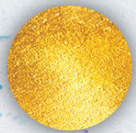
Glitter



Edge Glow



Pearlescent



MetaLustre™



Frosted Effects



Nucleating Agents



Interference Colors



Matte or Gloss Finish



Colors for Recycled Materials



## Film & Sheet

Whether its carrying a tough, heavy load or withstanding the harsh rays of the sun, our film and sheet products provide excellent weathering characteristics and resistance to harsh chemicals and industrial pollutants. Our development and production capabilities allow us to deliver highly-loaded color solutions for thin film and heavy gauge sheet in opaque, translucent, and transparent applications. Ask about our light diffuser options and popular matte finish additives.

**Sample applications:**

Automotive, thermoforming, aviation, bath and spa, packaging, lighting, mass transit, medical, recreational vehicles, signage, etc.



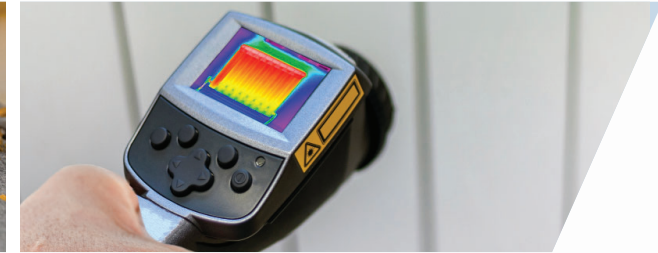
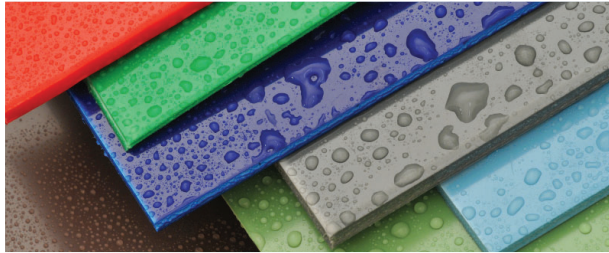
## Packaging

Teknor Color offers a wide selection of standard and custom colors specifically developed to work for your unique application. From bottles to containers to closures, we have the ability to closely match components with different polymers that achieve a uniform look. Our dedicated sales force and technical service teams, along with our regulatory specialists, will assist you in achieving your compliance goals and can provide information about our laser-marking additives, solutions for Near-Infrared (NIR) sorting, carbon black alternatives, and bio-based products.

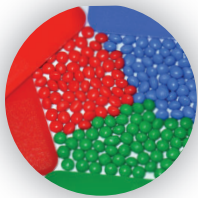
**Sample applications:**

Bottles, tamper-evident closures, child-resistant caps, cosmetics tubes, bags, sleeves, expandable foam, etc

# Cutting-edge solutions for the most complex product color concepts.



Teknor Color offers a full line of custom and standard colors, as well as additives and special effects. Advanced technology enables special characteristics such as low heat build, flame retardancy, antimicrobial, antistats, optical brighteners, UV absorption, slip agents, deglossing agents, improved weatherability, and more.



## Color Concentrates

Our highly-loaded pellets are engineered for optimal performance and dispersion at efficient usage rates. These concentrates can be tailored for processes that include blending, molding, and capstock & substrate extrusion.



## Dry Pigment Blends

Custom pigment blends designed for minimal dusting and outstanding flow allow for easy handling/cleaning and incorporation into your manufacturing process.



## Functional Additive Masterbatches

Solve processing issues and replace high-cost ingredients with our additive masterbatch compounds or concentrates that increase product lifespan and stability, reduce die buildup, and improve surface appearance.



## Pre-Colored Compounds

Ensure accurate color loading, eliminate feeder error, and cut costs by incorporating our pre-colored thermoplastics into your manufacturing process.

Bring your **toughest** material challenges to Teknor Color.

Metamerism FDA Sustainability Diffusion UL Heat Tolerance Opacity  
 Light Transmission Deglossing Weatherability NSF Part Thickness Melt Flow  
 Color Measurements Translucency REACH Die Buildup Flame-Retardancy

# Rely on Teknor Color's expertise and advanced testing capabilities.



Teknor Apex is more than color and materials. Our robust in-house Application Development Center is key to quality testing, analytics, and prototyping that allows customers to reduce manufacturing lead times and save on production. Additionally, customers can take advantage of Teknor Apex's expertise to navigate product regulations and troubleshoot manufacturing problems.



## Physical and Analytical Test Labs

Equipped with advanced instrumentation and scientific expertise, Teknor Apex's in-house test labs are *where the magic happens*. If you step into one of our labs, you will likely experience the Xenon Arc Weatherometer and QUV equipment performing accelerated weather tests. Or, you may see some of our other common evaluations in progress, such as tensile elongation, flex modulus, or impact testing.

**Want to dive extra deep?** We can measure heat release using the cone calorimeter, viscosity performance using capillary and elongation rheometers, heat build tests for ASTM-D4803 requirements, flame-retardency tests for UL94 certification, and elemental analysis for additional regulatory certifications.



## Regulatory Consultants

Regulatory coordinators advise on product compliance to achieve product approvals through UL, NSF, FDA, REACH, and similar organizations.



## Process & Manufacturing Support

Recommendations for manufacturing equipment needs specific to your processes and end product.

***We look forward to learning about your color needs.***

Email [color@teknorapex.com](mailto:color@teknorapex.com) or scan the code to submit a quote request.





 Teknor Apex Sites


## **TEKNOR APEX**

The Teknor Apex Company, a privately-owned company founded in 1924, is one of the world's leading customer-specific plastic compounders. Teknor Apex produces flexible and rigid vinyl, thermoplastic elastomers, polyamides, specialty compounds, custom color and masterbatch solutions, chemicals, and garden hoses.


The company is based in Pawtucket, RI, USA. It operates production plants worldwide: in the United States, Belgium, Germany, China and Singapore.

### Contact Teknor Color to begin customizing your solution today.

 [color@teknorapex.com](mailto:color@teknorapex.com)

 **401-725-8000**

 [teknorapex.com/teknor-color](http://teknorapex.com/teknor-color)

 **Headquarters**  
505 Central Avenue  
Pawtucket, Rhode Island 02861

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon conditions that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchaser assumes all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described. For detailed Product Stewardship information, please contact us. Any product of Teknor Apex, including product names, shall not be used or tested in any medical or food contact application without the prior written acknowledgement of Teknor Apex as to the intended use. Please note that some products may not be available in one or more countries.