YInMn Blue

Revolutionary Blue for Industrial and Artist Color Materials

In September 2017, The Shepherd Color Company announced the groundbreaking "YInMn Blue" technology for commercial sale for use in industrial coatings and plastics. As of May 2020, YInMn has U.S. EPA TSCA approval. This means that YInMn blue is now fully approved for use in industrial applications, including artist color materials.

Commercially known as Blue 10G513, this pigment represents one example of Shepherd Color's dedication to providing new and impactful pigment chemistries to the coatings, plastics and other materials markets. YInMn Blue 10G513 follows our one-of-a-kind NTP Yellow and RTZ Orange, which together push the edge of the durable color envelope.

The new Blue is revolutionary because it is a new pigment chemistry that expands the range of colors available that stay cooler when exposed to the sun, allowing building material manufacturers to meet regulatory requirements and building owners to potentially save energy.

The high temperature calcination production process makes the Blue 10G513 highly inert. While it is highly IR reflective, it is extremely opaque in the visible and UV parts of the solar spectrum. The inertness means that it can be used in a wide range of coatings and plastics and have excellent weathering properties.

Blue 10G513 is ideal for:
- High-performance IR-reflective building products
  - Pre-painted metal
  - Roofing granules
  - Polymeric roofing
  - Roofing tiles
- Anti-counterfeiting features
- Glass enamels
  - Spandrel and decorative
- Artist color materials

ABOUT THE SHEPHERD COLOR COMPANY

Founded in 1981, The Shepherd Color Company produces a wide range of high-performance Complex Inorganic Color Pigments (CICPs) used in a variety of industries. These pigments are an extraordinary class of inorganic pigments that offer stable, long-lasting color for many applications. They have unbeatable weatherability, heat and chemical resistance, are non-warping and easy to disperse. *More Expertise. Better Performance. Best Value.* **That's Shepherd Color.**