

Shepherd Blues

385

10K525

30C588

30C591

299

214

10G580

10G513

10G551

211
10F545

30C527

424

From Artist Materials to High-Heat Applications

Say Goodbye to the Moody Blues, and Hello to Shepherd's High Performance Blues

One of the primary colors, lying between violet and green, is the beautiful Blue hue. From the sky to the deep blue sea, to a shiny sapphire, blue is the color of trust, excellence, and performance in business. Blue can also be associated to sadness, as everyone has felt a little blue at times. This color can also be perceived as calm and cooling, a lot like Shepherd Color's Arctic® pigments.

An important color in art and ancient times, Ultramarine Blue was created by lapis lazuli and was mainly mined in Afghanistan and extremely expensive. The invention of synthetic Ultramarine Blue pigments had interesting color, but inadequate exterior durability limits its use.



Cobalt Blue historically has been a coloring agent in ceramics, notably Chinese porcelain beginning in the late eighth or early ninth century². Cobalt Aluminate Blue complex inorganic color pigments (CICP), are considered to be the pinnacle of durable, intensely chromatic blue pigments. Since they are formed under extreme high

temperatures, the resulting pigments have excellent heat resistance, chemical resistance, and weatherability.

The Shepherd Color Company's roots originate in the 1920s in the ceramic industry, where we supplied colors for porcelain enamels. It's no surprise that Blue has been one of our first inorganic color pigments. From Blue 299, which is the standard "Cobalt Blue" used in artist materials, to our newest Blue 10G513, better known as YInMn Blue, which expands the range of colors available for building manufacturers that keep products cooler when exposed to the sun, Shepherd Color has a blue pigment to meet your high-performance application.

With a vast array of red-shade to green-shade blue pigments available from Shepherd, all have high temperature stability, are resistant to acids, bases, and solvents, and have excellent weathering, opacity, and reflectivity.

Depending on the pigment, many of our Blue pigments are FDA compliant and are ideal for:

- Building and Construction
- Architectural Applications
- High-Durability Applications
- Automotive Coatings
- High-Heat Coatings
- Engineering Plastics
- Transportation/ACE Applications
- Artist Materials

References: 1. Joann Eckstut and Arielle Eckstut. October 2013. *The Secret Language of Color*. Black Dog & Leventhal Publishers.
2. Cobalt Blue. (April 29, 2020). In Wikipedia. Retrieved from https://en.wikipedia.org/wiki/Cobalt_blue

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.*