

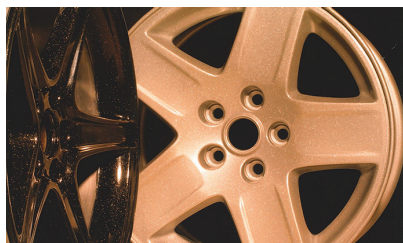


They Say 'Diamonds Are Forever'

Do your products shine bright like a diamond?

Diamonds, the most popular gemstone, are known to be beautiful, rare, and cherished. Often used to indicate a lifelong commitment between two people, diamonds in a ring are a symbol of love and friendship.

Holding onto this notion of forever, what if you could capture the sparkle of a diamond in your products? Shepherd Color's StarLight® special effect pigments capture that sparkle, but keeps it alive. It gives bright sparkles to the surface that dance with the light.



The key to the distinct and unique appearance of StarLight comes from its glass flake substrate. Shepherd Color takes totally flat borosilicate glass and breaks it into specific

particle sizes. We then coat the glass flakes with a nano-layer of pure metallic silver so that not only the top and bottom are coated, but also the sides of the particle are coated. The top and bottom are totally flat surfaces that act like mirrors because they either reflect at you or they don't. This MicroMirror® technology gives a much more crisp and distinct sparkle than even highly engineered aluminum flakes.

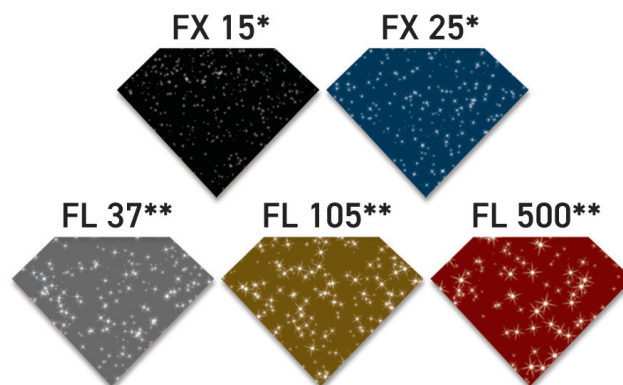
An anti-tarnish treatment on top of the pure metallic silver totally passivates the StarLight particles, this makes them stable in waterborne systems and are highly weatherable. StarLight can be extruded directly into powder coatings without being deformed, damaged or need a bonding step.

StarLight comes in two families of products.

- ◆ FX Grade
 - Based on 1 micron thick glass flakes with smaller PSD cuts than the FL grades
 - Optimized for thinner coatings systems and give a more demure and sophisticated look
- ◆ FL Grade
 - Based on 5 micron thick particles that exhibit excellent sparkle in plastics applications
 - Can be extruded into a number of plastics without having a tendency to form flow lines

The FX and FL grades are both highly efficient special effect pigments with very low usage levels needed to produce a highly differentiated special effect look. StarLight pigments also stir-in to liquid coatings without the need for special processing or dispersion steps.

Shine bright like a diamond, with StarLight.



*1 micron flake thickness **5 micron flake thickness
StarLight grades are shown on color pigments to illustrate sparkle only.

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-warpage and easy to disperse. *More Expertise. Better Performance. Best Value. That's Shepherd Color.*