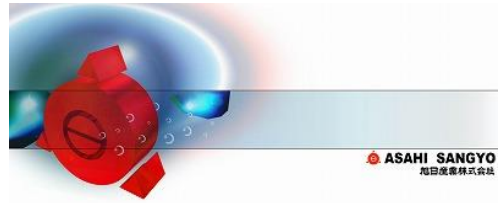


**About CICP ...**  
**Complex**  
**Inorganic**  
**Color**  
**Pigment**



**Complex inorganic color pigment or CICP is an inorganic pigment consisting of solid solution of multiple metal oxides.**

By DCMA CICP is registered with 14 kinds of crystalline structure and 53 kinds of chemical substance as colorants. Most representative crystalline structures include rutile structure and spinel structure. Substance with such chemical structure is produced in nature as precious stones or ores. CICP is an artificially synthesized single compound made with highly pure raw materials and under high temperature conditions.

※DCMA : Dry Color Manufacturer's Association、USA

**High-temperature firing**

CICP is

synthesized by high-temperature firing of a blend of metal oxides. Since a firing temperature as high as 800 ~ 1400 °C produces a strong crystalline structure. CICP becomes a coloring which also possesses superior chemical characteristics.

**Excellent heat resistant, weathering and chemicalproof characteristics**

CICP exhibits

a stable, long-term performance as coloring material without deterioration from outside stimuli, such as heat, light and chemicals. With such a performance, CICP is the most suitable colorant for coatings used under severe conditions as well as for weatherproof paint, heat-resistant paint and waterproof paint.

**For designs of all coatings:**

CICP offers a wide selection of hues, such as blue, green, yellow, black and brown. Color matching is easy with CICP because it consists of fine particles of excellent hiding power and dispersibility and it can be used in designing for all coloring purposes.

**Safety**

Difficult to dissolve in solvents, CICP is considered a safe pigment in terms of elution and accumulation in a living body. Here has been no report of any harm on a human body. Some CICPs are registered with the Japan Hygienic Olefin And Styrene Plastics Association. It is used in many applications such as plastics for food packaging.