

44101 Cobalt Green

Color Index: Pigment Green 50, C.I. 77377
Co-Li-Zn-titanate

CAS No.: 68186-85-6
EINECS: 269-047-4

A medium green powder produced by high temperature calcination. This pigment has good UV and visible opacity, is chemically inert, heat resistant and stable to ultraviolet light. It is non-bleeding and non-migratory. It has exceptional durability and hiding power, and is generally used in applications where resistance to heat, light and weather are required. It is compatible with most resin systems and polymers, and is non-warping and has a wide array of regulatory approvals. Typical applications (non inclusive) are liquid and powder coatings, inks, dispersions, plastics, concrete, and other applications where equivalent pigment chemistry is used.

Physical Properties:

Density	5.4 g/cm ³
Bulk Density	0.5 kg/l
Oil Absorption	11 g / 100 g
Mean Particle Size	1.3 µm
pH Value	6.6
Heat Stability	800°C / 1500°F
Conductivity	180 µS/cm
Surface Area (BET)	2.5 m ² /g
Sieve Residue (323 mesh / 45 µm)	0.01 %
Percent moisture	0.3 %