

BLACK 30C941

C.I. Pigment Brown 29
CAS # 12737-27-8*

DESCRIPTION:

A black powder produced by high temperature calcinations. This pigment has a blue-shade masstone color while having high near-IR reflectivity. It is chemically inert, heat resistant, and stable to ultraviolet light. It is non-bleeding, non-migratory and non-warping. It has exceptional durability and hiding power, and is generally used in applications where resistance to heat, light, and weather are needed. It is compatible with most resin systems, polymers and binders. Typical applications (non inclusive) are liquid and powder coatings, inks, dispersions, concrete, plastics, and other applications where equivalent pigment chemistry is used.

This product is very easily dispersible and does not need small media milling for Dispersion. It can simply be processed using most laboratory and production high-shear mixing equipment to achieve full dispersion.

COMPOSITION: Iron and Chromium

| Physical/Chemical Property | Typical Value | Units | Test Method+ |
|------------------------------|---------------|--------------------------------|--------------|
| Specific Gravity | 5.1 | n/a | SCTM 312 |
| Loose Packing (Bulk) Density | 10.8 1.3 | lbs./gal kg/L | SCTM 194 |
| Surface Area (BET) | 3.0 | m ² /g | SCTM 153 |
| Percent Moisture | 0.2 | wt. % | SCTM 248 |
| Mean Particle Size | 1.3 | microns | SCTM 348 |
| Conductivity | 52 | μS/cm | SCTM 142 |
| Oil Absorption | 9 | parts oil/100 parts pigment | SCTM134 |
| pH | 4.5 | n/a | SCTM 101 |
| Residue 325 Mesh | 0.02 | wt. % | SCTM 135 |
| Heat Stability | 1500 800 | °F °C | Observed |

+SCTM refers to Shepherd Color Testing Method

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