

**Technical Data Sheet****TDS****General Description**

|                      |                                 |
|----------------------|---------------------------------|
| Product Name         | Chrome Iron Nickel Black Spinel |
| Epsilon Code         | MMOBK03001                      |
| Type                 | Black Pigment                   |
| Chemical Composition | Fe/Cr/Ni Oxide                  |
| Delivery Form        | Powder                          |
| Color Index          | Pigment Black 30 (77504)        |
| CAS                  | 71631-15-7                      |

**Physical and Chemical properties**

| Test Items                           | Specification  |
|--------------------------------------|----------------|
| Appearance                           | Black powder   |
| Crystal Form                         | Spinel Pattern |
| Average Particle Size, $\mu\text{m}$ | 1.3 max.       |
| Moisture Content, %                  | 0.2 max.       |
| Water Soluble, %                     | 0.3 max.       |
| Oil Absorption, %                    | 17             |
| PH Value                             | 7.6            |
| Heat Stability, $^{\circ}\text{C}$   | 1000           |
| Light Fastness                       | 8              |
| Weather Resistance                   | 5              |
| Acid Resistance                      | 5              |
| Alkali Resistance                    | 5              |

**Application**

Engineering plastic, solid plastics for outside manufacturing, camouflage paint, waterproof fabric, color master batch, high-performance industrial coating, coil coating, extrusion coating, powder coating, high-temperature resistance paint, traffic paint manufacturing, outside architectural coating, automobile paint.

**Package**

25kg bag with pallets.

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