

# Technical Data Sheet

## Cobalt Chromite Blue



FINELAND CHEM  
泛成化工

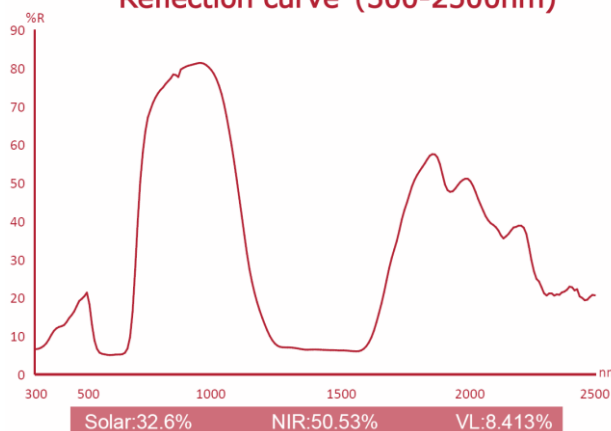
### General Information

|                  |                              |
|------------------|------------------------------|
| Color Index      | Pigment Blue 36 (C.I. 77343) |
| Product Code     | ColorCor®1636                |
| CAS NO.          | 68187-11-1                   |
| EC No.           | 269-072-0                    |
| Chemical Formula | Co-Al-Cr-O                   |
| Hue              | Blue powder                  |

### Physical

|                                 |         |
|---------------------------------|---------|
| Density (g/cm <sup>3</sup> )    | 4.4     |
| Oil Absorption (g/100g)         | 16-26   |
| Water soluble matter (%)        | ≤1.0    |
| Mositure                        | ≤1.0    |
| PH Value                        | 7.5-9.5 |
| Sieve residue on 45 microns (%) | ≤0.5    |
| Primary particle size D50 (μm)  | ~1.3    |

Reflection curve (300-2500nm)



### Fastness Properties

|                                    |      |                           |   |
|------------------------------------|------|---------------------------|---|
| Heat Resistance (°C)               | <800 | Alkali Resistance (1-5)   | 5 |
| Light Resistance (Full Shade, 1-8) | 8    | Migration Resistance(1-5) | 5 |
| Light (Reduced tinting, 1-8)       | 8    | Ethyl Acetate (1-5)       | 5 |
| Weather Resistance (1-5)           | 5    | Ethanol (1-5)             | 5 |
| Acid Resistance (1-5)              | 5    | MEK (1-5)                 | 5 |

### Application & Performance

Recommended for Plastic,PO,PVC(PVC & PVC Leather cloth),EVA,ABS,PS. Industrial paints,Coatings(Powder/Coil/Architectural),Fluorocarbon coating,Silicon coating,Heat resistance coating,Military camouflage coating etc.Exterior building products.Glass printing ink applications.Ceramic applications.

### Note

\*Product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as guarantee. Users must establish the suitability of individual products. We do not accept any liability relating to the use of our products in particular applications.

Date of issue: Sep. 1<sup>st</sup>, 2024

TDS Version: 2.1