

Technical Data Sheet

Iron Oxide



FINELAND CHEM
泛成化工

General Information

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|------------------|--|
| Color Index | Pigment Yellow 42 (C.I. 77492) |
| Product Code | DuraPlast®3810 |
| CAS NO. | 51274-00-1 |
| EC No. | 257-098-5 |
| Chemical Formula | α -Fe ₂ O ₃ |

Physical Properties

| | |
|---|-------|
| Contents Fe ₂ O ₃ (%) | ≥75 |
| Oil Absorption (g/100g) | 35-45 |
| Res.on 325 mesh(%) | ≤0.3 |
| Water soluble matter(%) | ≤1.0 |
| Moisture(%) | ≤1.5 |
| PH Value | 6-8 |
| Bulk density(g/cm ³) | 4.1 |

Fastness Properties

| | | | |
|-------------------------------------|-----|---------------------------|---|
| Heat Resistance (°C): | 210 | Alkali Resistance (1-5): | 4 |
| Light Resistance (Full Shade, 1-8): | 8 | Migration Resistance(1-5) | 5 |
| Light (Reduced tinting, 1-8) | 8 | Ethyl Acetate (1-5) | 4 |
| Weather Resistance (1-5): | 5 | Ethanol (1-5) | 4 |
| Acid Resistance (1-5): | 4 | MEK (1-5) | 4 |

Application & Performance

Recommended for Plastic (PO,PVC), some also for Coat (coiling coat,powder coat).

Note

Fineland Chem offers innovative pigment technologies designed for long-lasting performance and consistent quality in industrial use. Product data is based on current knowledge and for reference only. Users should verify suitability; no liability is assumed for specific applications.

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