

# Technical Data Sheet

## Iron Oxide Red



FINELAND CHEM  
泛成化工

### General Information

|                  |                                |
|------------------|--------------------------------|
| Color Index      | Iron Oxide Red (C.I. 77491)    |
| Product Code     | DuraPaint®130M                 |
| CAS NO.          | 1309-37-1                      |
| EC No.           | 215-168-2                      |
| Chemical Formula | $\alpha\text{-Fe}_2\text{O}_3$ |

### Physical Properties

|                                      |         |
|--------------------------------------|---------|
| Contents $\text{Fe}_2\text{O}_3$ (%) | ≥96     |
| Oil Absorption (g/100g)              | 20~30   |
| Res.on 325 mesh(%)                   | ≤0.1    |
| Water soluble matter(%)              | ≤0.5    |
| Moisture(%)                          | ≤1.0    |
| PH Value                             | 5~7     |
| Bulk density(g/cm <sup>3</sup> )     | 0.4~0.6 |

### Fastness Properties

|                                     |     |                           |   |
|-------------------------------------|-----|---------------------------|---|
| Heat Resistance (°C):               | 300 | 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 Building materials, concrete, bricks, paints & coatings, fertilizers, plastics and rubber polymers, fiber cement, paper, mortar, wood plastic composites, paving tiles, industrial coatings, roof tiles, ceramic products.

### 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.

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

TDS Version: 2.1