

Technical Data Sheet

Iron Oxide



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 | $\alpha\text{-Fe}_2\text{O}_3$ |

Physical Properties

| | |
|--------------------------------------|-------|
| Contents Fe_2O_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

*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.

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