

PIGMENTS COSMETIC GRADE Product Bulletin

KR338075 – RED IRON OXIDE

INCI Name: C.I. No 77491 (Iron Oxide Red)

Identification data

| | |
|-------------------|-----------------------|
| Chemical name | Iron Oxide |
| Chemical category | Synthetic Iron Oxide |
| Color Index No | Pigment Red 101 77491 |
| C.A.S. No | 1309-37-1 |

Chemical specifications

| | |
|--|-------------------|
| Fe ₂ O ₃ Content | 97% Minimum |
| Particle Shape | Acicular Crystals |
| Lead (as Pb) | 10 PPM Maximum |
| Arsenic (as As) | 3 PPM Maximum |
| Mercury (as Hg) | 1 PPM Maximum |
| Organic Color | Negative |
| Water Soluble Matter | 1.0% Maximum |
| Acid Insoluble Matter | 0.1% Maximum |

Physical properties

| | |
|-----------------------|-------------------|
| Physical form | Dry Powder |
| Color | To Match Standard |
| Appearance | Orange Powder |
| Primary particle size | 0.1X0.7 Micron |
| Density | 4.0-5.0 g/ml |
| Bulk density | 0.3-1.0 g/ml |

Resistance properties

| | |
|------------------|-----------|
| Heat | Excellent |
| Light | Excellent |
| Acid (diluite) | Good |
| Alkali (diluite) | Good |
| Solvent | Excellent |

Use recommendation

KR338075 - Red Iron Oxide is a cosmetic grade pigment highly recommended as colorant for use in face make-up and eye make-up such as foundation cream, foundation powder, eye shadow and lipstick. The product is characterized by excellent dispersibility and color consistency from batch to batch.