

## PIGMENTS COSMETIC GRADE Product Bulletin

### **KR335200 - BLACK IRON OXIDE**

INCI Name: C.I. No 77499 (Iron Oxide Black)

#### **Identification data**

Chemical name	Iron Oxide
Chemical category	Synthetic Iron Oxide
Color Index No	Pigment Black 11 77499
C.A.S. No	1317-61-9

#### **Chemical specifications**

Fe <sub>2</sub> O <sub>3</sub> Content	97% Minimum
Particle Shape	Spherical 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	Black Powder
Primary particle size	0.2 Micron
Density	5.0 g/ml
Bulk density	1.0-1.4 g/ml

### Resistance properties

Heat	Fair
Light	Excellent
Acid (diluite)	Good
Alkali (diluite)	Excellent
Solvent	Excellent

### Use recommendation

KR335200 - Black 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 disposability and color consistency from batch to batch.