

TECHNICAL DATA SHEET

**IDENTIFICATION DATA**

Chemical Name:	SQ Pure color pigment - Iron Oxide - Warm Red - SQ Zuiver kleur pigment - IJzer Oxide - Warm Rood - KIO071
Chemical Category:	Iron Oxide
Color Index No.:	Pigment Red 101: 77491 Pigment White 26: 77718
C.A.S. No.:	1309-37-1

**CHEMICAL SPECIFICATIONS**

Fe <sub>2</sub> O <sub>3</sub> Content:	97.0% Minimum
Particle Shape:	Acicular Crystals
Lead (as Pb):	10 PPM Maximum
Arsenic (as As):	3 PPM Maximum
Mercury(as Hg):	3 PPM Maximum
Organic Color:	Negative
Water Soluble Matter:	1.0% Maximum
Acid Insoluble Matter:	0.3% Maximum

**PHYSICAL PROPERTIES**

Physical Form:	Dry Powder
Color:	To Match Standard
Appearance:	Carmine Powder
Primary Particle Size:	0.1x0.7 Micron
Density:	4.0-5.0 Gram per Milliliter
Bulk Density:	0.3-1.0 Gram per Milliliter

**RESISTANCE PROPERTIES**

Heat:	Excellent
Light:	Excellent
Acid (Dilute):	Good
Alkali (Dilute):	Good
Solvent:	Excellent

### **USE RECOMMENDATION**

Iron Oxide (82004) is highly recommended for use in face make-up and eye make-up such as foundation cream, foundation make-up, eye shadow and lipstick. Red Iron Oxide is also recommended for use in nail lacquers. It conforms to FDA specifications.

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