



Kolortek Co., Ltd

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info@kolortek.com

TECHNICAL DATA SHEET

IDENTIFICATION DATA

Chemical Name:	Iron Oxide Yellow(81004)
Chemical Category:	Iron Oxide
Color Index No.:	Pigment Yellow 42: 77492
C.A.S. No.:	20344-49-4

CHEMICAL SPECIFICATIONS

Fe ₂ O ₃ 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:	Yellow Powder
Primary Particle Size:	0.1x0.8 Micron
Density:	4.0 Gram per Milliliter
Bulk Density:	0.3-0.5 Gram per Milliliter

RESISTANCE PROPERTIES

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



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USE RECOMMENDATION

Kolortek Yellow Iron Oxide (81004) is highly recommended for use in face make-up and eye make-up such as foundation cream, foundation make-up, eye shadow and lipstick. It conforms to FDA specifications.

This information is given in good faith, without warranty. It also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General conditions of sale and delivery.