

HOJA TÉCNICA
TECHNICAL DATA SHEET

COLO-05691-COLORANTE LABIALES DORADO

MEZCLA

AMARILLO ÓXIDO DE HIERRO PMC
MICA ORO COSMÉTICA

%
47-53
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AMARILLO ÓXIDO DE HIERRO PMC

IDENTIFICATION DATA

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

CHEMICAL SPECIFICATIONS

Iron Oxide Content:	97% Minimum
Moisture:	3% Maximum
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:	0.1% 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

USERECOMMENDATION

Cest Iron Oxide Yellow is highly recommended for use in face make-up. It is also used in lipsticks and eye make-up products (and in nail lacquers). It conforms to FDA specifications.

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MICA ORO COSMÉTICA

1. Appearance:	Lustrous Yellowish, Free-flowing Powder					
2. Ingredients and Composition						
Ingredients	Composition	By Weight (%)			CAS No.	CI No.
Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	59	-	73	12001-26-2	77019
Iron Oxide	Fe_2O_3	4	-	8	1309-37-1	77491
Titanium Dioxide	TiO_2	23	-	33	13463-67-7	77891
3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
		9	-	45		
4. pH:	7.0 - 11.0			(10% Aqueous Suspension)		
5. Loss on Drying:	0.5 % max.					
6. Loss on Ignition:	0.5 % max.					
7. Water Soluble Substances:	0.3 % max.					
8. Acid Soluble Substances:	2.0 % max.					
9. Trace Elements:	Mercury (Hg)				1 ppm max.	EU/FDA
	Arsenic (As)				1 ppm max.	
	Lead (Pb)				3 ppm max.	
	Cadmium (Cd)				1 ppm max.	
	Barium (Ba)				30 ppm max.	
	Antimony (Sb)				1 ppm max.	
	Copper (Cu)				30 ppm max.	
	Chromium (Cr)				30 ppm max.	
	Nickel (Ni)				50 ppm max.	
	Zinc (Zn)				40 ppm max.	
10. Microorganisms:	100 CFU/g max.				No Pathogens	