

HOJA TÉCNICA
TECHNICAL DATA SHEET
COLO-05679-COLORANTE LABIALESBORDÓ
MEZCLA

ROJO CARMÍN CL

ROJO ÓXIDO PMC

NEGRO ÓXIDO COSMÉTICO PMC

%

50 %

42 %

8%

ROJO CARMÍN CL
Descripción / Description : Hydrated aluminium chelate of caminic acid.Camin Lake

Propiedades / Properties :

Cl: 16255 , Food Red 7, E-124		
Estado físico / Appearance:	Polvo rojo brillante micropulverizado / <i>Brilliant red micropulverised powder</i>	
Composición / composition	Laca Aluminica de Ponceau 4R / <i>Aluminium Lake of Ponceau 4R</i>	
Solubilidad / Solubility:	Insoluble en agua. Soluble en alcalí / <i>Insoluble in water. Alkali soluble</i>	
As	< 3 ppm	
Pb	< 2 ppm	
Hg	< 1 ppm	
Cd	< 1 ppm	

Principales Usos:	Cosmética y farmacia.		
Main Uses:	<i>Cosmetics and industry pharmaceuticals.</i>		
Máxima dosis recomendada / Recommended usage level:			

Este producto es conforme con las siguientes formativas Cosmética: 1223/2009 y Farmacia, Dir: 2009/35/CE. Cumple con las especificaciones de la U.E. Reg. 231/2012/UE

Especificaciones Técnicas: <i>Technical specifications :</i>	Concentración / Concentration:	20 - 26	%	SN12.2
	Humidity	<6	%	
	Soluble chlorides and sulphates calculated as sodium salts	<2	%	
Información adicional: <i>Additional information :</i>	Instrucciones de seguridad: <i>Safety instructions :</i>	Consultar etiquetado del envasado. Para más información, solicitar la Hoja de Datos de Seguridad. <i>Consult the labelling.</i> <i>For more information read the Material Safety Data Sheet.</i>		
	Tiempo de almacenaje: <i>Storage time :</i>	3 años, a partir de su fecha de fabricación, sin abrir, a cubierto y a temperatura comprendida entre 5° y 35°C <i>3 years from its date of manufacture, in its original package, sealed, indoor and in a temperature between 5 and 35 °C.</i>		

Los valores indicados bajo la cabecera "Especificaciones técnicas" son los parámetros de control que el producto debe cumplir en cada lote sometidas a las tolerancias indicadas. Los valores indicados bajo la cabecera "Propiedades" son valores típicos del producto.

La información contenida aquí se basa en nuestros conocimientos. Se refiere exclusivamente al producto indicado y no constituye garantía de cualidades particulares. El usuario debe asegurarse de la idoneidad y exactitud de dicha información en relación al uso específico que debe hacer del producto.

The values indicated under "Technical specifications" are controlled parameters that the product must pass in every batch

NEGRO ÓXIDO COSMÉTICO

IDENTIFICATION DATA

Chemical Name :	Triiron tetraoxide
Chemical Category :	Synthetic Iron Oxide
Color Index No. :	Pigment Black 11 : 77499
C.A.S. No. :	1317-61-9
INCI Name :	Iron Oxide

CHEMICAL SPECIFICATIONS

Fe ₂ O ₃ Content :	97.0% ~100.5%
Particle Shape :	Spherical Crystals
Arsenic (as As) :	3 PPM Maximum
Barium:	50 PPM Maximum
Cadmium:	1 PPM Maximum
Chromium :	100 PPM Maximum
Copper :	50 PPM Maximum
Mercury(as Hg) :	1 PPM Maximum
Lead (as Pb) :	10 PPM Maximum
Zinc	100 PPM Maximum
Nickel:	200 PPM Maximum
Water Soluble Matter :	1.0% Maximum
Acid Insoluble Matter :	0.3% Maximum
Organic Color:	Negative

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 (Dilute) :	Good
Alkali (Dilute) :	Excellent
Solvent :	Excellent

USE RECOMMENDATION

Black Iron Oxide (C33135) Iron oxides is highly recommended for us in face make-up and eye make-up such as foundation cream, foundation make-up, eye shadow, mascara and lipstick. YIPIN® Black Iron Oxide is not recommended for use in nail lacquers. It conforms to E172.

TRANSPORT AND STORAGE

Protect against weathering. Store in a dry place and avoid extreme fluctuations in temperature. Special conditions for opened packaging: close bags after to prevent the absorption of moisture and contamination.

This information is given in good faith, without warranty. It is 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.



number within the indicated tolerances. The values indicated under "Properties" are typical values of the product. The information contained in this technical data sheet is based on our state of knowledge. It refers of the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

ROJO ÓXIDO PMC

General Description

Chemical Formula:	Fe ₂ O ₃
Type:	High purity red iron oxide pigment
Colour Index:	Pigment Red 101 (77491)
CAS No.:	1309-37-1
EINECS No.:	215-168-2

Technical Data - Specified Values

	<u>min.</u>	<u>max.</u>	<u>Test Method</u>
Colour Tolerance against current standard ⁽¹⁾ :			
ΔE* Reduced Shade ⁽²⁾		1.5	LOR-10
Relative Tinting Strength (%) ⁽²⁾	95	105	LOR-10
Water Soluble Salts (%)		0.6	LO-05
Sieve Residue on 44 μ Mesh (%)		0.5	LO-08

Metals – In accordance with Commission Regulation (EU) N° 231/2012 (E172) and with the requirements of FDA 21.CFR.73.200, 21.CFR.73.1200, 21.CFR.73.2250, 21.CFR.73.3125, USP, JPE, JECFA and WHO/FAO

Specified Values:

			<u>max.</u>	<u>Test Method</u>
Arsenic	As	ppm	2	LO-27
Cadmium	Cd	ppm	1	LO-27
Chromium	Cr	ppm	100	LO-27
Mercury	Hg	ppm	1	LO-27
Nickel	Ni	ppm	200	LO-27
Lead	Pb	ppm	10	LO-27
Copper	Cu	ppm	50	LO-27

Technical Data - Typical Values

Fe ₂ O ₃ Content (%)	98+	LO-41
Particle Shape	Spheroidal	T.E.M. ⁽³⁾
Average Particle Size (μm)	0.1	T.E.M. ⁽³⁾
Specific Gravity (g/cm ³)	approx. 5.0	ISO DIN 787/10
Tamped Apparent Density (g/cm ³)	0.7	LO-10
Oil Absorption	approx. 35	LO-07
Water Content ex works (%)	max 1	LOG-25

Notes:

1. Short oil alkyd resin/melamine formaldehyde resin stoving enamel
 2. 1:9 with TiO₂
 3. T.E.M. = Transmission electron microscopy
- All data is given in good faith but without warranty.