

DATA SHEET

50101800 'MINIO DE PLOMO - kg. *25 kg.*

16/05/2025 v1.0

1. PRODUCT IDENTIFICATION

Description Red lead. Pb_3O_4

Application Raw material for the ceramics industry.

2. CHEMICAL COMPOSITION

Metal oxides with concentrations less than 0.05% have not been determined.

Li_2O	ZnO	Cr_2O_3	CaF_2	Pb_3O_4	77
Na_2O	MnO	B_2O_3	Bi_2O_3		
K_2O	CdO	V_2O_5	P_2O_5		
MgO	CoO	MnO_2	BeO		
CaO	NiO	SiO_2	CeO_2		
SrO	Al_2O_3	TiO_2	CuO		
BaO	Fe_2O_3	ZrO_2	Pr_2O_3		
PbO 23	Sb_2O_3	SnO_2			

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect Red-Orange powder
Color(fired) Tranparent yellow

4. COLORIMETRY

* By Minolta ChromaControl (S)

L: a: b:

5. DILATOMETRY

* Data obtained with dilatometer BÄHR mod. DIL 801 L $10^{-7} C^{-1}$

(25-300)C°	(50-300)C°	(300-500)C°	(500-600)C°	T ^a Transformation C°	T ^a Softening C°	Melting point C°
						>850 C°

6. GRANULOMETRIC DISTRIBUTION (WET WAY)

* Data obtained by Malvern Instruments (Master Sizer 2000)

>10 μ >25 μ >40 μ >70 μ >120 μ D50 μ

7. RECOMMENDATIONS ON GLAZED OBJECTS INTENDED FOR CULINARY USE

Not for ceramic ware in contact with food

Notes: n.a (not applicable), n.d (no information available), p.n (negative tests)

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