

DATA SHEET

22214507 'ESMALTE 5628 CUERO S/Pb. ATOMIZADO

24/10/2025 v1.3

1. PRODUCT IDENTIFICATION

Description LEATHER GLAZE .It belongs to the leather effect glazes formulated without lead in its compositions.
Compound of Frit CAS: 65997-18-4.

Application They can be applied on white and also on red clay bodies, with better results achieved on the latter.
They can be used for glazing in double-firing as well as also single-firing, with the addition of Monocol V.
The recommended firing temperature is 980°C. (in a temperature range of 930° to 1020°C).

2. CHEMICAL COMPOSITION

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

Li ₂ O	0-0.5	ZnO	10-20	Cr ₂ O ₃		CaF ₂	
Na ₂ O	5-10	MnO		B ₂ O ₃	10-20	Bi ₂ O ₃	HfO ₂ 0-0.5
K ₂ O	0-0.5	CdO		V ₂ O ₅		P ₂ O ₅	LOI 0-0.5
MgO	0-0.5	CoO		MnO ₂		BeO	
CaO	5-10	NiO		SiO ₂	20-40	CeO ₂	
SrO	0-0.5	Al ₂ O ₃	1-5	TiO ₂	1-5	CuO	
BaO	1-5	Fe ₂ O ₃	1-5	ZrO ₂	10-20	Pr ₂ O ₃	
PbO		Sb ₂ O ₃		SnO ₂	1-5		

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect Pink powder
Color(fired) Leather.

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	T ^a Softening	Melting point	
67.9	67.6	81.3		529.9 C°	586 C°	>800 C°	

6. GRANULOMETRIC DISTRIBUTION (WET WAY)

* Data obtained by Malvern Instruments (Master Sizer 2000)

>10μ	>25μ	>40μ	>70μ	>120μ	D50μ
57.6	30.8	15.5	3.4	0.0	13.6

7. RECOMMENDATIONS ON GLAZED OBJECTS INTENDED FOR CULINARY USE

Formulated without lead and cadmium.

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



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