

DATA SHEET

22223104 'ESMALTE 5628/NE CUERO S/Pb. POLVO

24/10/2025 v1.3

1. PRODUCT IDENTIFICATION

Description DARK 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	Fe3O4 1-5
K ₂ O	0-0.5	CdO		V ₂ O ₅		P ₂ O ₅	HfO2 0-0.5
MgO	0-0.5	CoO		MnO ₂		BeO	LOI 0-0.5
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 Brown powder
Color(fired) Dark 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°	Tª Transformation	Tª Softening		Melting point
68.0	68.0	81.0		530 C°	590 C°		>800 C°

6. GRANULOMETRIC DISTRIBUTION (WET WAY)

* Data obtained by Malvern Instruments (Master Sizer 2000)

>10µ	>25µ	>40µ	>70µ	>120µ	D50µ
45.0	18.0	7.5	1.5	0.0	10.0

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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