

DATA SHEET

20649404 ESMALTE EFECTO BRONCE N° 4 POLVO

07/10/2025 v1.3

1. PRODUCT IDENTIFICATION

Description EFFECT BRONZE GLAZE.
It belongs to the "GLITTER EFFECT" serie. Is a collection of bright glitter glazes
Compound of frit: CAS N°. 65997-18-4.

Application The glaze can be applied by brush, screen printing or spray. They can be used for decoration of white, red body or over glaze. In all cases, the coat applied must be thin enough so that the glitter effect appears. The ratio of powder and water is approximately 500-800 ml of water per 100 gr of powder and 250 ml of Monocol V. It can be used in single and double firing. The firing temperature is 980 ° C.

2. CHEMICAL COMPOSITION

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

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

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect Yellow powder
Color(fired) Bright glitter bronze

4. COLORIMETRY

* By Minolta ChromaControl (S)

L: 54.4 a: 7.6 b: 15.4

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
				C°	C°	>800 C°

6. GRANULOMETRIC DISTRIBUTION (WET WAY)

* Data obtained by Malvern Instruments (Master Sizer 2000)

>10µ	>25µ	>40µ	>70µ	>120µ	D50µ
67.7	23.4	7	0.2	0	14.7

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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