DATA SHEET

20649604 ESMALTE EFECTO PLATA Nº 5 POLVO 07/10/2025 v1.3

1. PRODUCT IDENTIFICATION

Description

EFFECT SILVER GLAZE.
It belongs to the "GLITTER EFFECT" serie. Is a collection of bright glitter glazes
Compound of frit: CAS Nº. 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 º C.

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

Li_2O		ZnO	1-5	Cr_2O_3		CaF_2			
Na_2O	1-5	MnO		B_2O_3	1-5	Bi_2O_3		MEDIUM	0-0.5
K_2O	0.5-1	CdO		V_2O_5		P_2O_5		LOI	0-0.5
MgO	0-0.5	CoO		MnO_2		BeO		Pig.Ing	40-80
CaO	1-5	NiO		SiO_2	20-40	CeO_2			
SrO		Al_2O_3	1-5	TiO_2		CuO			
BaO		Fe_2O_3	0-0.5	ZrO_2		Pr_2O_3			
PbO		Sb_2O_3		SnO_2					

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect	Silver powder
Color(fired)	Bright glitter silver

4. COLORIMETRY * By Minolta ChromaControl (S)

L: 82.87 a: -1.3 b: 4.3

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
				Cº	Cº	>800 Cº

6. GRANULOMETRIC DISTRIBUTION (WET WAY) * Data obtained by Malvern Instruments (Master Sizer 2000)

>10µ	>25µ	>40µ	>70µ	>120µ	D50µ
89.9	38.6	11.9	0.1	0	21.2

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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