DATA SHEET

40103504 OX. C. P- 28 VERDE VICTORIA POLVO 07/11/2025 v1.4

1. PRODUCT IDENTIFICATION

Description Inorganic Pigment. Zircon. Zr-V-Pr-Si. Maximun operating temperature 1250ºC.

Application This series of pure pigments can be used both for coloring glazes, as for onglaze/underglaze decoration. In the first case, the intensity of the color will depend on the components of the glaze, as well as the cycle and the firing temperature. In the second case,the pigment should be mixed with a flux: lead flux Decor-flux-5 or Flux No. 50 and lead-free in composition flux: Flux 20 or Glaze F-15. The percentages of addition range 30-60%.

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

Li_2O	ZnO	Cr_2O_3	CaF_2		
Na_2O	MnO	B_2O_3	Bi_2O_3	Zr-Pr-Si	40-80
K_2O	CdO	V_2O_5	P_2O_5	Zr-V	40-80
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	Sb_2O_3	SnO_2			

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect	Green
Color(fired)	Green powder

4. COLORIMETRY * By Minolta ChromaControl (S)

L: 74.64 a: -24.57 b: 36.96

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	> 1000 Cº

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

>10µ	>25µ	>40µ	>70µ	>120µ	D50µ

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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