

DATA SHEET

22221504 'ESMALTE 5649 CUERO AZUL POLVO

24/10/2025 v1.4

1. PRODUCT IDENTIFICATION

Description	BLUE 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	5-10	Cr ₂ O ₃		CaF ₂			
Na ₂ O	1-5	MnO		B ₂ O ₃	10-20	Bi ₂ O ₃		Co-Si	1-5
K ₂ O	1-5	CdO		V ₂ O ₅		P ₂ O ₅	0-0.5	MEDIUM	0-0.5
MgO	0-0.5	CoO		MnO ₂		BeO		LOI	1-5
CaO	1-5	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	5-10	Pr ₂ O ₃			
PbO		Sb ₂ O ₃		SnO ₂	1-5				

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect	Pink powder
Color(fired)	Blue Leather.

4. COLORIMETRY

* By Minolta ChromaControl (S)

L: 41.91	a: 3.45	b: 6.24
----------	---------	---------

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
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)



C/ Aviación 44, 46940 Manises, Valencia - España
+34961545588
admon@prodesco.es
www.prodesco.es

The provide data have been obtained under the specific conditions of the quality control process of PRODESCO S.L. being for informational purposes, not assuming any contractual relationship.