

DATA SHEET

22221007 'ESMALTE 5652/M CUERO CLARO S/PB AT

24/10/2025 v1.4

1. PRODUCT IDENTIFICATION

Description	CLEAR 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	0.5-1	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	MEDIUM	0-0.5
K ₂ O	0.5-1	CdO		V ₂ O ₅		P ₂ O ₅	0-0.5	LOI
MgO	0-0.5	CoO		MnO ₂		BeO		1-5
CaO	5-10	NiO		SiO ₂	20-40	CeO ₂		
SrO	0-0.5	Al ₂ O ₃	5-10	TiO ₂	5-10	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	Pink powder
Color(fired)	Clear 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°	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.