

DATA SHEET

22107707 ENGOBE ** CC-01 ** BLANCO ATOMIZADO

27/03/2025 v1.3

1. PRODUCT IDENTIFICATION

Description	WHITE ENGOBE. It belongs to the COLOURED ENGOBES "CC SERIE" . Compound of frit: CAS N°. 65997-18-4. Engobe with High TEC.
Application	They can be decorated by with natural and calcinated oxides, and the engobes of the same series in once firing or twice firing. Due their composition, the color can vary.For covering these engobes the transparent glazes recomende are 5460/F and ETSP-01. They can be applied by brush, aerograph or dipping. If they are used in single firingwith brush it is advisable to add 5% of Monocol V. The appropriate firing temperature is from 930° to 1050°C.

2. CHEMICAL COMPOSITION

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

Li ₂ O	1-5	ZnO		Cr ₂ O ₃		CaF ₂	
Na ₂ O		MnO		B ₂ O ₃	1-5	Bi ₂ O ₃	MEDIUM 0.5-1
K ₂ O	0.5-1	CdO		V ₂ O ₅		P ₂ O ₅	LOI 5-10
MgO	10-20	CoO		MnO ₂		BeO	
CaO	5-10	NiO		SiO ₂	40-80	CeO ₂	
SrO		Al ₂ O ₃	5-10	TiO ₂	0-0.5	CuO	
BaO		Fe ₂ O ₃	0-0.5	ZrO ₂		Pr ₂ O ₃	
PbO		Sb ₂ O ₃		SnO ₂			

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect	White powder
Color(fired)	White

4. COLORIMETRY

* By Minolta ChromaControl (S)

L: 89.49	a: -0.19	b: 4.64
----------	----------	---------

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
91.1	92	101	151.3	545 C°	884 C°	>980 C°

6. GRANULOMETRIC DISTRIBUTION (WET WAY)

* Data obtained by Malvern Instruments (Master Sizer 2000)

>10µ	>25µ	>40µ	>70µ	>120µ	D50µ
51.5	20.4	8.4	1.3	0	10.5

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.