DATA SHEET

22307804 ENGOBE EASP-00 BASE POLVO(22305507) 15/07/2024 v1.2

1. PRODUCT IDENTIFICATION

Description: BASE ENGOBE FOR HIGH TEMPERATURE. High Temperature Engobes " EASP" series is a collection of coloured engobes designed for glaze and decorate pieces of stoneware or porcelain.

Application: They can be applied by brush, aerograph or dipping. If they are used in single firing it is advisable to add 5% of Monocol V for better grip engobe to the piece. The temperature range is from 980 to 1280 ° C, obtaining the maximum colour development at 1280 ° C.

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	1-5	MnO		B_2O_3		Bi_2O_3		MEDIUM	0-0.5
K_2O	1-5	CdO		V_2O_5		P_2O_5		LOI	5-10
MgO	0-0.5	CoO		MnO_2		BeO			
CaO	0-0.5	NiO		SiO_2	40-80	CeO_2			
SrO		Al_2O_3	20-40	TiO_2	0.5-1	CuO			
BaO		Fe_2O_3	0.5-1	ZrO_2		Pr_2O_3			
PbO		Sb_2O_3		SnO_2					

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect	Cream powder
Color(fired)	Cream

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°	Tª Transformation	Tª Softening	Melting point
55.9	56	63.4	85.5	524 Cº	883 Cº	>900 Cº

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

>10µ	>25µ	>40µ	>70µ	>120µ	D50µ
41.9	17.53	8.5	2.1	0.01	7.6

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)

PRODESCO S.L.

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