

# DATA SHEET

13614507 ESM. 5895 BLANCO CRAQUELE S/PB ATOM

17/02/2025 v1.4

## 1. PRODUCT IDENTIFICATION

Description	White Crackled Glossy Glaze suitable for use on white and red body, pottery and colored body. Compound of frit: CAS N°. 65997-18-4.
Application	It can be applied :dipping, spraying, any mechanical method of application.It can be coloured with our Pigments "P" Series obtaining a high performance colour . It is recommended to make previous test for colouring with natural oxides . "CD Series" of On- glaze colours can be used for decoration. Semi- opaque White result depending on the type of body and thickness of application. The recommended temperature varies from930°C-980°C.

## 2. CHEMICAL COMPOSITION

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

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

## 3 PHYSICAL-CHEMICAL PROPERTIES

Aspect	White powder
Color(fired)	Crackled White

## 4. COLORIMETRY

\* By Minolta ChromaControl (S)

L: n.a	a: n.a	b: n.a
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5. DILATOMETRY				* Data obtained with dilatometer BÄHR mod. DIL 801 L			10 <sup>-7</sup> C <sup>-1</sup>
(25-300)C°	(50-300)C°	(300-500)C°	(500-600)C°	Tª Transformation	Tª Softening	Melting point	
92.2	85.3	101.2	175.6	573 C°	657 C°	>875 C°	

6. GRANULOMETRIC DISTRIBUTION (WET WAY)					* Data obtained by Malvern Instruments (Master Sizer 2000)
>10µ	>25µ	>40µ	>70µ	>120µ	D50µ
66.7	34.9	16.7	3.1	0.1	17

## 7. RECOMMENDATIONS ON GLAZED OBJECTS INTENDED FOR CULINARY USE

Not recommended for food use due to its craquelé effect that does not give the piece its total tightness

Notes: n.a (not applicable), n.d (no information available), p.n (negative tests)



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