

DATA SHEET

50101100 CARBONATO SODICO

04/04/2025 v1.3

1. PRODUCT IDENTIFICATION

Description SODIUM CARBONATE. Na_2CO_3 .

Application Raw material for the ceramics industry.

2. CHEMICAL COMPOSITION

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

Li ₂ O	61,8	ZnO	Cr ₂ O ₃	CaF ₂		
Na ₂ O		MnO	B ₂ O ₃	Bi ₂ O ₃	OTROS	38,14
K ₂ O		CdO	V ₂ O ₅	P ₂ O ₅	LOI	0,5
MgO		CoO	MnO ₂	BeO		
CaO		NiO	SiO ₂	CeO ₂		
SrO		Al ₂ O ₃	TiO ₂	CuO		
BaO		Fe ₂ O ₃	ZrO ₂	Pr ₂ O ₃		
PbO		Sb ₂ O ₃	SnO ₂			

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect White powder
Color(fired)

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
				C°	C°	851 C°

6. GRANULOMETRIC DISTRIBUTION (WET WAY)

* Data obtained by Malvern Instruments (Master Sizer 2000)

>10µ >25µ >40µ >70µ >120µ D50µ

7. RECOMMENDATIONS ON GLAZED OBJECTS INTENDED FOR CULINARY USE

This material is lead and cadmium free.

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



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