

DATA SHEET

50112500 OXIDO DE CROMO

04/06/2026 v1.4

1. PRODUCT IDENTIFICATION

Description CHROMIUM (III) OXIDE. Cr2O3.

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	ZnO	Cr ₂ O ₃	99,9	CaF ₂	LOI	0,1
Na ₂ O	MnO	B ₂ O ₃		Bi ₂ O ₃		
K ₂ O	CdO	V ₂ O ₅		P ₂ O 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 Green powder
Color(fired)

4. COLORIMETRY

* By Minolta ChromaControl (S)

L: n.a. a: n.a. b: n.a.

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
				C°	C°	>1000 C°

6. GRANULOMETRIC DISTRIBUTION (WET WAY)

* Data obtained by Malvern Instruments (Master Sizer 2000)

>10μ	>25μ	>40μ	>70μ	>120μ	D50μ
19.174	8.466	5.147	2.417	1.02	4.63

7. RECOMMENDATIONS ON GLAZED OBJECTS INTENDED FOR CULINARY USE

Raw material .

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



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