

DATA SHEET

50102600 OXIDO DE NIQUEL

20/05/2025 v1.3

1. PRODUCT IDENTIFICATION

Description NICKEL OXIDE. NiO.

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	CaF ₂
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 100	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 Black 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°	>1900 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

Raw material .

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

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