

# DATA SHEET

53322400 CHAMOTA FINA \*CHF\* 0-0,5 mm.

04/06/2026 v1.4

## 1. PRODUCT IDENTIFICATION

Description Fine Chamotte CHF 0–0.5 mm

Application Raw material for the ceramics industry.

## 2. CHEMICAL COMPOSITION

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

Li <sub>2</sub> O	ZnO	Cr <sub>2</sub> O <sub>3</sub>	CaF <sub>2</sub>
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	CdO	V <sub>2</sub> O <sub>5</sub>	P <sub>2</sub> O <sub>5</sub>
MgO 0,1	CoO	MnO <sub>2</sub>	BeO
CaO 0,2	NiO	SiO <sub>2</sub> 69,55	CeO <sub>2</sub>
SrO	Al <sub>2</sub> O <sub>3</sub> 27,04	TiO <sub>2</sub> 1,81	CuO
BaO	Fe <sub>2</sub> O <sub>3</sub> 1,31	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 Fine grey granulate

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  $10^{-7} \text{ C}^{-1}$

(25-300)C°	(50-300)C°	(300-500)C°	(500-600)C°	T <sup>a</sup> Transformation C°	T <sup>a</sup> Softening C°	Melting point >1000 C°
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## 6. GRANULOMETRIC DISTRIBUTION (WET WAY)

\* Data obtained by Malvern Instruments (Master Sizer 2000)

>10μ	>25μ	>40μ	>70μ	>120μ	D50μ
99.22	97.85	95.71	88.42	73.7	205,680

## 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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