

# DATA SHEET

50106000 ESPATO FLUOR

20/05/2025 v1.3

## 1. PRODUCT IDENTIFICATION

Description **CALCIUM FLUORIDE. CaF<sub>2</sub>. CAS N°:7789-75-5**

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>	<b>98,68</b>	LOI	<b>0,2</b>
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	CoO	MnO <sub>2</sub>	BeO			
CaO	NiO	SiO <sub>2</sub>	CeO <sub>2</sub>	<b>1,12</b>		
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)

## 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
						<b>&gt;1400 C°</b>

## 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)

 **PRODESCO S.L.**

C/ Aviación 44, 46940 Manises, Valencia - España  
+34961545588  
admon@prodesco.es  
www.prodesco.es

The provide data have been obtained under the specific conditions of the quality control process of PRODESCO S.L. being for informational purposes, not assuming any contractual relationship.