



**PRODUCT: *IOKAL No10***

**DESCRIPTION:**

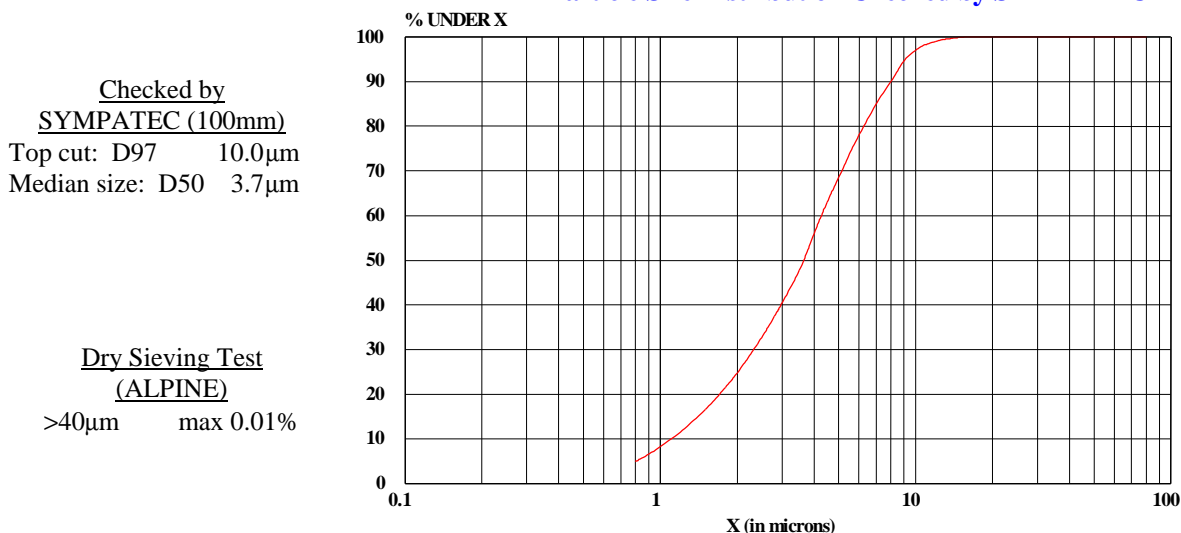
Fine and white filler produced from processing finest natural microcrystalline Calcium Carbonate of high purity. Its special PSD results into a product easily dispersible and of very low water and oil absorption. This fact makes IOKAL No10 an excellent filler for alkyd paints. High pigment concentration at the appropriate proportion of IOKAL No10 imparts good drying and filling to putties, fillers, undercoats and flat paints. It can be characterized as a polyvalent filler.

<b>CHEMICAL ANALYSIS:</b>	CaCO <sub>3</sub> ≥ 99.0 %	MgO ≤ 0.15 %
	SiO <sub>2</sub> ≤ 0.05 %	Fe <sub>2</sub> O <sub>3</sub> ≤ 0.01 %
	HCl insoluble ≤ 0.1 %	

<b>PHYSICAL PROPERTIES OF THE RAW MATERIAL:</b>	Density (ISO 787/10)	2.7 g/ml
	Hardness (Mohs)	2.5

**PHYSICAL PROPERTIES OF THE PRODUCT:**

**Particle Size Distribution Checked by SYMPATEC**



Bulk density (ISO 787/11)	1.25 g/ml
Specific Surface (BET)	1.0 m <sup>2</sup> /g
Abrasion (Einlehner)	6.5 mg
Oil Absorption	14 g/100g
Water Absorption	22 g/100g
pH (ISO 787/9)	9
Moisture content (ISO 782/2)	≤ 0.2 %

**OPTICAL PROPERTIES:** DataColorSF600+(d 8°;C 2°)-DorfnerPress:2.5bar

Y	≥ 94.0 %
L*	: 97.5
a*	: 0.00
b*	: 2.0

**APPLICATIONS:** Paints: Filler universally applicable for interior and exterior paints, alkyd paints  
Plastics: PVC (extrusion, injection moulding coatings), PE masterbatch, PPP, PET

The above values are based on measurements carried out according to our quality assurance system and thus must not be considered as guaranteed