



PRODUCT: **IOKAL KALKOLIN**

DESCRIPTION:

Produced by processing specially selected chalk deposits. A very pure fine and white product. Its special PSD results in a product appropriate for the use in paints and PVC.

CHEMICAL ANALYSIS:

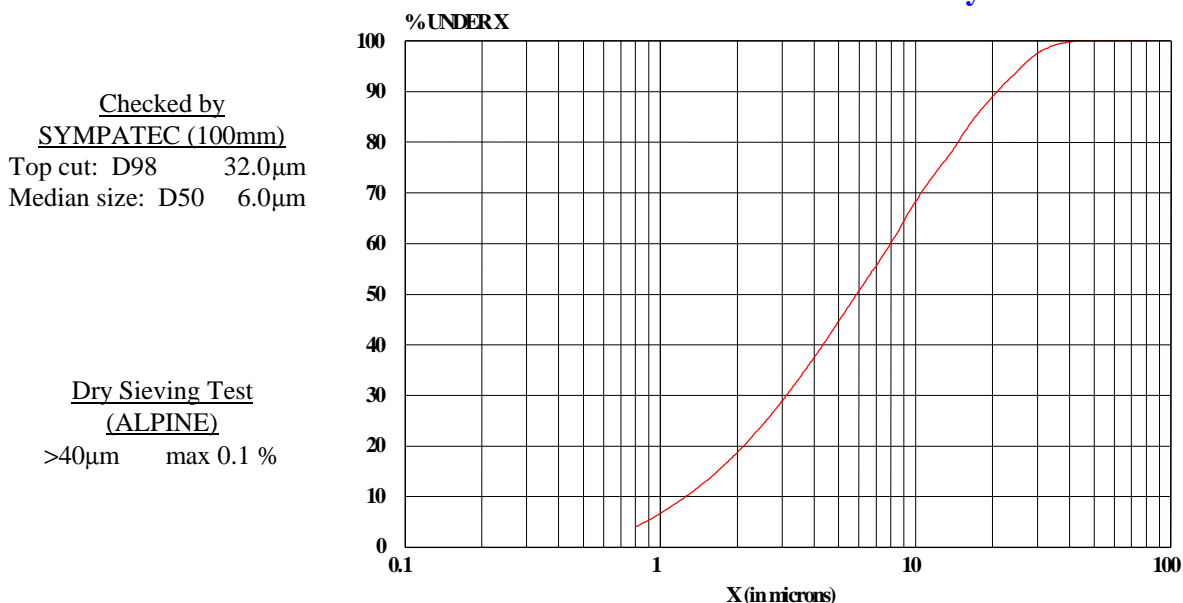
CaCO ₃ ≥ 99.0 %	MgO ≤ 0.15 %
SiO ₂ ≤ 0.05 %	Fe ₂ O ₃ ≤ 0.01 %
HCl insoluble content ≤ 0.1 %	

PHYSICAL PROPERTIES OF THE RAW MATERIAL:

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)	1.4 g/ml
Specific Surface (BET)	1.1 m ² /g
Abrasion (Einlehner)	11 mg
Oil Absorption	13 g/100g
Water Absorption	20 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	≥ 90.0 %
L*	: 96.0
a*	: 0.00
b*	: 3.3

APPLICATIONS:

- Paints: Interior and exterior emulsion paints
- Plastics: PVC pipes
- Adhesives, Polishes (Lacquers)

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

IONIAN KALK S.A.

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