



PRODUCT: IOKALIT A Surface Treated

DESCRIPTION:

A fine and white material produced from high purity selected natural chalk deposits. Due to the surface treatment the product possesses very low viscosity, very low water and oil absorption.

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

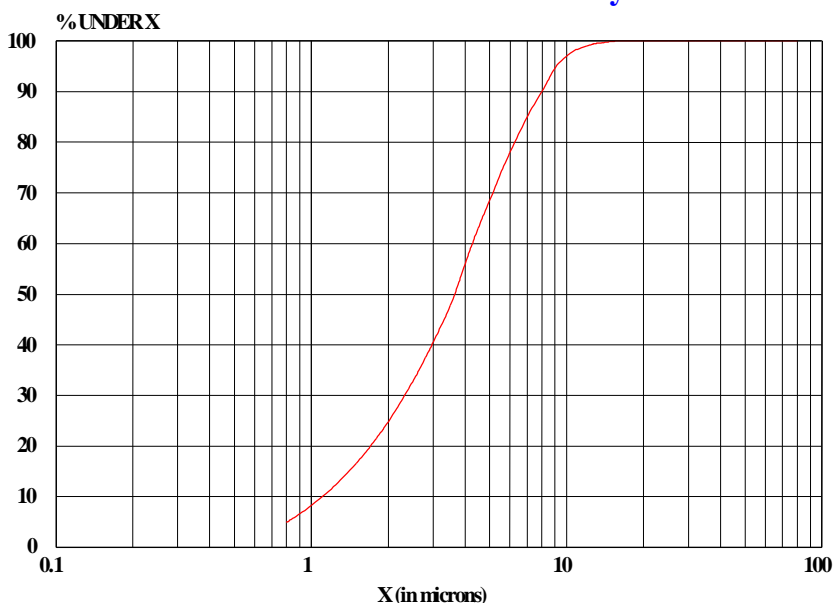
PHYSICAL PROPERTIES OF THE RAW MATERIAL:	Density (ISO 787/10)	2.7 g/ml
	Hardness (Mohs)	2.5

PHYSICAL PROPERTIES OF THE PRODUCT:

Particle Size Distribution Checked by SYMPATEC

Checked by
 SYMPATEC (100mm)
 Top cut: D97 10.0µm
 Median size: D50 3.7µm

Dry Sieving Test
 (ALPINE)
 >40µm max 0.01%



Bulk density (ISO 787/11)	1.25 g/ml
Specific Surface (BET)	1.0 m ² /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*	: 0.0
b*	: 2.0

◇ All the above specification values are measured on untreated material

APPLICATIONS: Paints: Oil paints, Alkyd paints, Anticorrosive paints, Primers, Industrial finishes
 Plastics: PVC, PE, PPP

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