



PRODUCT: IOKALIT KALKOLIN Surface Treated

DESCRIPTION:

A white material produced from very pure natural chalk. Due to surface treatment it has very good dispersion properties.

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

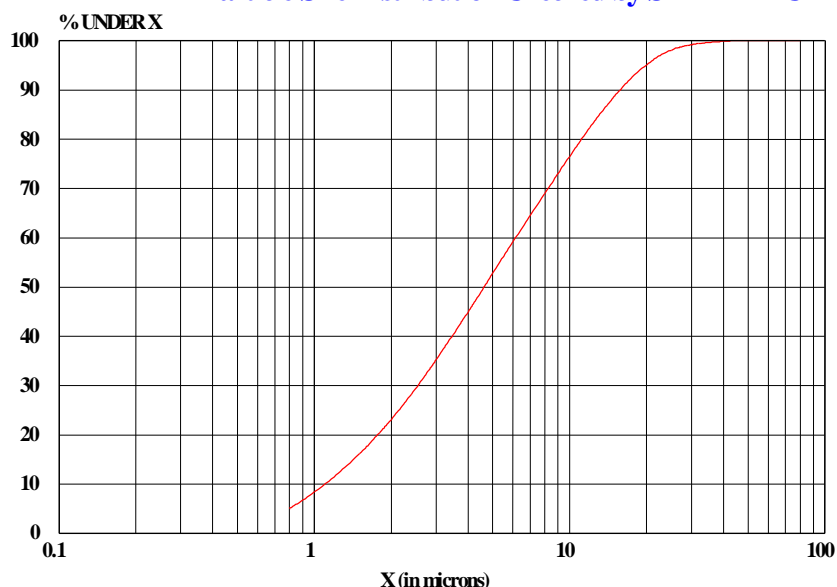
PHYSICAL PROPERTIES OF THE RAW MATERIAL:	Density (ISO 787/10)	2.7 g/ml
	Hardness (Mohs)	2.5

PHYSICAL PROPERTIES OF THE PRODUCT:

Particle Size Distribution Checked by SYMPATEC

Checked by
SYMPATEC (100mm)
 Top cut: D99 23.0µm
 Median size: D50 4.5µm

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



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* : 0.0
	b* : 3.3

◇ All the above specification values are measured on untreated material

APPLICATIONS: Plastics: PVC pipes

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

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