



PRODUCT: ***IOKAL No40***

DESCRIPTION:

A very white and very pure natural finest microcrystalline Calcium Carbonate filler. The wide PSD results in an easily dispersible product of low oil and water absorption. IOKAL No40 retains good resistance to weather conditions and aging.

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

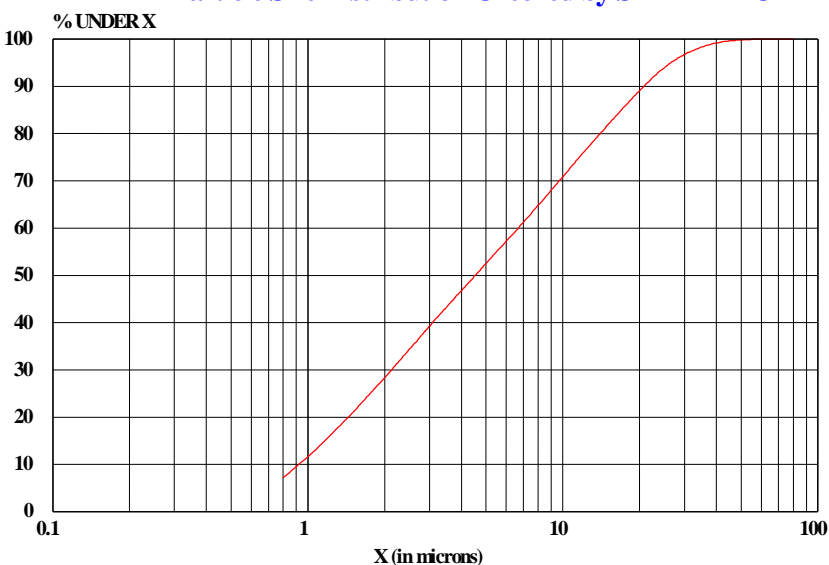
PHYSICAL PROPERTIES OF THE RAW MATERIAL:	Density (ISO 787/10)	2.7 g/ml
	Hardness (Mohs)	2.5

PHYSICAL PROPERTIES OF THE PRODUCT:

Particle Size Distribution Checked by SYMPATEC

Checked by
SYMPATEC (100mm)
Top cut: D97 30.0µm
Median size: D50 4.5µm

Dry Sieving Test
(ALPINE)
>63µm max 0.05 %



Bulk density (ISO 787/11)	1.25 g/ml
Specific Surface (BET)	2.2 m ² /g
Abrasion (Einlehner)	14.5 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*	: 98.0
a*	: 0.0
b*	: 1.7

APPLICATIONS: Paints: Interior and exterior emulsion paints, Oil & resin systems, putties
Plastics: PVC
Rubbers, Adhesives, Polishes

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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