



PRODUCT: *IOKAL No100*

DESCRIPTION: A white material produced from natural microcrystalline calcium carbonate of high purity. A product of very low specific surface and very low oil absorption. Very easily dispersible and very good weather and aging resistance.

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:

<u>Dry Sieving Test (ALPINE):</u>	>100µm	max 0.1 %
	> 63µm	97.0 %
	> 40µm	91.0 %
	> 32µm	85.0 %

Bulk density (ISO 787/11)	1.4 g/ml
Specific Surface (BET)	0.7 m ² /g
Abrasion (Einlehner)	19 mg
Oil Absorption	10 g/100g
Water Absorption	18 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	≥ 93.0 %
L*	: 96.5
a*	: 0.0
b*	: 3.0

APPLICATIONS: Paints: Exterior paints, mat paints
Plastics: PVC, latex coatings and carpets
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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