



## PRODUCT: *IOKAL No20*

### DESCRIPTION:

An extremely white and of high purity product produced from processing natural finest microcrystalline Calcium Carbonate. Easily dispersible. Low oil and water absorption. As a result of its good fineness and its excellent whiteness IOKAL No20 has almost pigmentary properties. Very good weather resistance.

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

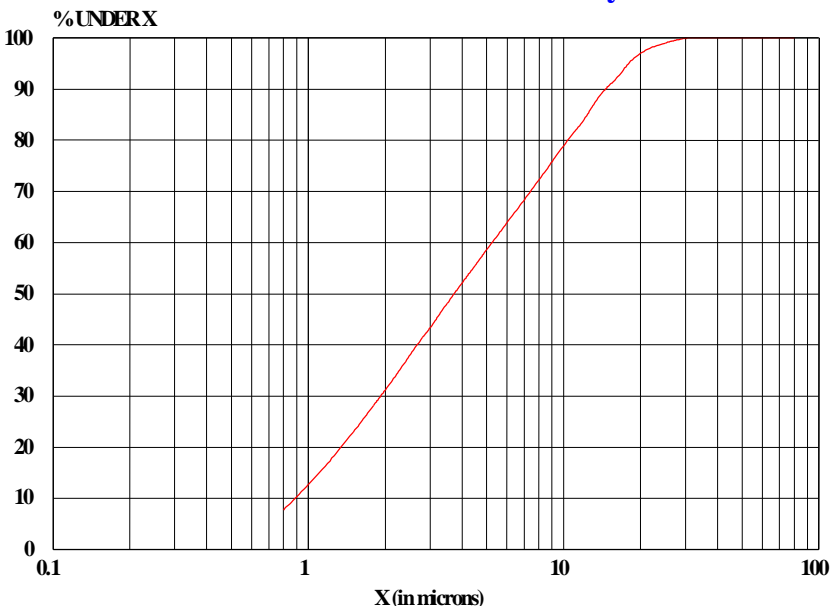
**PHYSICAL PROPERTIES OF THE RAW MATERIAL:** Density (ISO 787/10)      2.7 g/ml  
 Hardness (Mohs)      2.5

### PHYSICAL PROPERTIES OF THE PRODUCT:

#### Particle Size Distribution Checked by SYMPATEC

Checked by  
SYMPATEC (100mm)  
 Top cut: D97      20.0µm  
 Median size: D50      3.7µm

Dry Sieving Test  
(ALPINE)  
 >40µm      max 0.05%



Bulk density (ISO 787/11)      1.15 g/ml  
 Specific Surface (BET)      2.3 m<sup>2</sup>/g  
 Abrasion (Einlehner)      11.4 mg  
 Oil Absorption      15 g/100g  
 Water Absorption      22 g/100g  
 pH (ISO 787/9)      9  
 Moisture content (ISO 782/2)      ≤ 0.2 %

**OPTICAL PROPERTIES:** DataColorSF600+ (d8°;C/2°)-DorfnerPress: 2.5bar  
 Y ≥ 94.5 %  
 L\* : 98.0  
 a\* : 0.05  
 b\* : 1.6

**APPLICATIONS:** Paints: Interior and exterior emulsion paints, oil and synthetic resin systems  
 Plastics: PVC coatings  
 Adhesives

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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