



## PRODUCT: *IOKAL TYP 10C*

### DESCRIPTION:

Originates from mixing selected natural chalk deposits. It's exceptional brightness is a significant advantage especially in High PVC paints. The low oil absorption results in more binder free to bind the substrate. It has very good weatherability in exterior paint applications and imparts improved rheological properties.

|                           |                               |   |
|---------------------------|-------------------------------|---|
| <b>CHEMICAL ANALYSIS:</b> | 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 % |   |

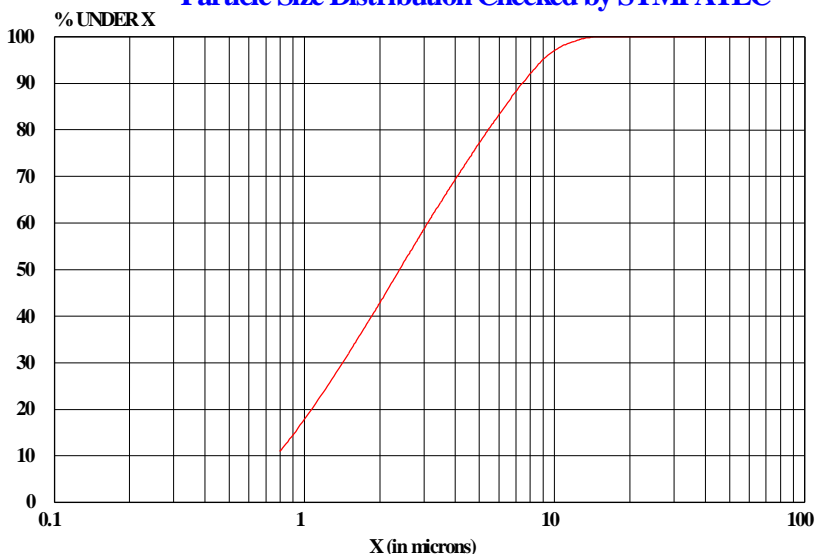
|   |                      |          |
|---|----------------------|----------|
| <b>PHYSICAL PROPERTIES OF THE RAW MATERIAL:</b> | Density (ISO 787/10) | 2.7 g/ml |
|   | Hardness (Mohs)      | 2.5      |

### PHYSICAL PROPERTIES OF THE PRODUCT:

#### Particle Size Distribution Checked by SYMPATEC

Checked by  
SYMPATEC (100mm)  
Top cut: D97 10.0µm  
Median size: D50 2.4µm

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



|                              |                       |
|------------------------------|-----------------------|
| Bulk density ISO 787/11)     | 1 g/ml                |
| Specific Surface (BET)       | 3.2 m <sup>2</sup> /g |
| Abrasion (Einlehner)         | 5.6 mg                |
| Oil Absorption               | 17 g/100g             |
| Water Absorption             | 25 g/100g             |
| pH (ISO 787/9)               | 9                     |
| Moisture content (ISO 782/2) | ≤ 0.2 %               |

**OPTICAL PROPERTIES:** DataColorSF600+ (d8°;C/2°)-DorfnerPress: 2.5bar

|    |          |
|----|----------|
| Y  | ≥ 95.5 % |
| L* | : 98.0   |
| a* | : 0.00   |
| b* | : 1.4    |

**APPLICATIONS:** Paints: Interior & Exterior emulsion paints, Alkyd paints  
Plastics: PVC, PPP  
Paper, Rubber, Chewing gums

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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