



**PRODUCT: *IOKALIT TYP 10C* Surface Treated**

**DESCRIPTION:**

A very fine and white product that originates from processing natural finest microcrystalline Calcium Carbonate. The surface treatment on *IOKALIT 10C* gives the particles hydrophobic properties. Furthermore it improves the mechanical properties. The material is easily dispersible, unaffected by moisture and has lubricating effect.

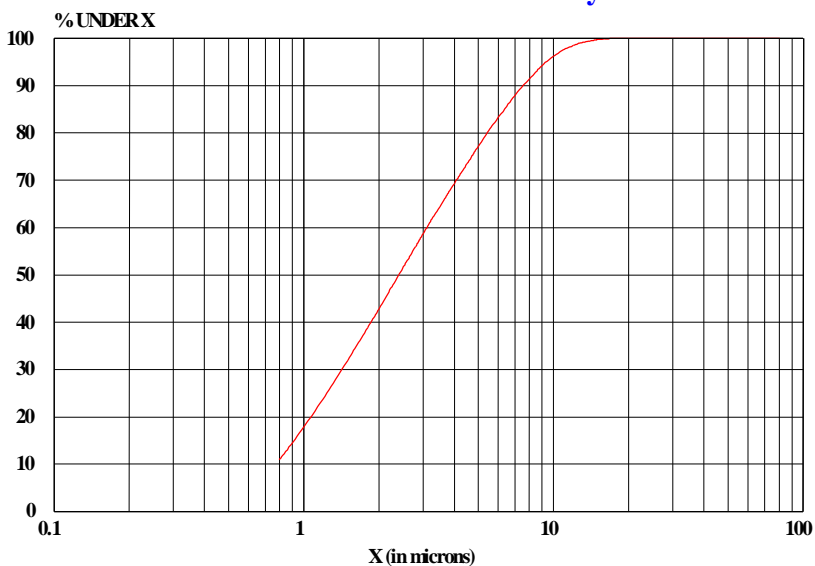
**CHEMICAL ANALYSIS:** CaCO<sub>3</sub> ≥ 99.0 % MgO ≤ 0.15 %  
SiO<sub>2</sub> ≤ 0.05 % Fe<sub>2</sub>O<sub>3</sub> ≤ 0.01 %  
HCl insoluble content ≤ 0.1 %

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

**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\* : 0.0  
b\* : 1.4

◇ All the above specification values are measured on untreated material

**APPLICATIONS:** Plastics: Cable compounds, Coatings, Calendered sheets, PVC profil, PVC pipes, Injection moulding compounds, PE masterbatch  
Rubbers

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