



## PRODUCT: **IOKAL SPECIAL CHALK**

**CHEMICAL ANALYSIS:** CaCO<sub>3</sub> ≥ 99.0 % MgO ≤ 0.9 %  
 SiO<sub>2</sub> ≤ 0.03 % Fe<sub>2</sub>O<sub>3</sub> ≤ 0.01 %  
 HCl insoluble content ≤ 0.03 %

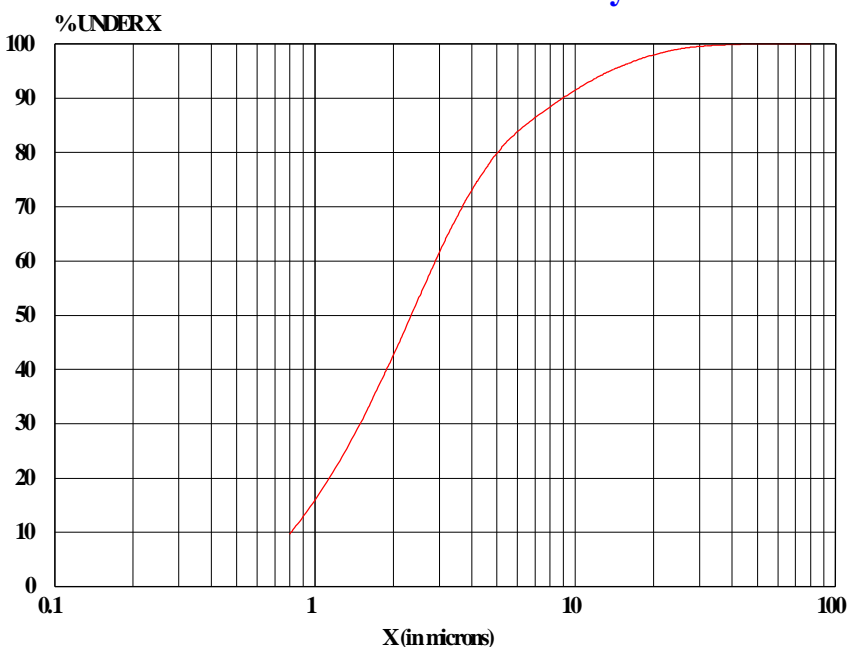
**PHYSICAL PROPERTIES OF THE RAW MATERIAL:** Density (ISO 787/10) 2.7 g/ml  
 Hardness (Mohs) 2

### PHYSICAL PROPERTIES OF THE PRODUCT:

#### Particle Size Distribution Checked by SYMPATEC

Checked by  
 SYMPATEC (100mm)  
 Top cut: D97 17.5µm  
 Median size: D50 2.3µm

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



Bulk density (ISO 787/11) 1.0 g/ml  
 Abrasion (Einlehner) 8.0 mg  
 Oil Absorption 18 g/100g  
 Water Absorption 23 g/100g  
 pH (ISO 787/9) 9  
 Moisture content (ISO 782/2) ≤ 0.2 %

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

Y ≥ 92.0 %  
 L\* : 96.5  
 a\* : 0.0  
 b\* : 3.0

**APPLICATIONS:** School chalks

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

**IONIAN KALK S.A.**

**P.O. Box 71 ARGOSTOLI 28100 GREECE**

TEL:(003)(0671)41534-41676 FAX:(003)(0671)41773 E-mail: iokal@otenet.gr