



**EL FEDAWIA CO.**  
MINING & MANUFACTURING

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## TECHNICAL DATA SHEET

CHARACTERISTICS	USES
- High-purity limestone	- Be popularly used in many industries namely: Paper, Paint, Rubbers, Cables, PVC compound, Glass or Master batch...etc As a functional filler or additive.

### Limestone granular 2:3 mm

CHEMICAL ANALYSIS OF THE RAW MATERIAL	
COMPOUND	VALUE
Calcium Carbonate – CaCO <sub>3</sub>	≥ 99 %
Magnesium – MgO	≤ 0.03 %
Iron Oxide – Fe <sub>2</sub> O <sub>3</sub>	≤ 0.01 %
Aluminum Oxide – Al <sub>2</sub> O <sub>3</sub>	≤ 0.03 %
Silica – SiO <sub>2</sub>	≤ 0.03 %
<i>Method: TCN 09 – 1 PTH/94; TCVN</i>	

PHYSICAL PROPERTIES OF RAW MATERIAL	
Hardness	3.0 Moh
Density	2.7 g/cm <sup>3</sup>
≥ 43.5 %	

TECHNICAL DATA OF THE PRODUCED MATERIAL	
Moisture	≤ 0.5 %
PH Value	8 ÷ 9.5
Oil Absorption	20g / 100g CaCO <sub>3</sub>
Whiteness	≥ 97.5
Brightness	≥ 95 %

FINENESS (PARTICLE LASER DIFFRACTION MALVERN – ENGLAND)			
Product Code		Fineness	Size
2 – 3 mm	Under 2 mm Over 3 mm	10% 10%	2 – 3 mm