



# P.T. GRAMER

INDUSTRI GRANIT, MARMER & CALCIUM CARBONATE (CaCo3) LAMPUNG

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## Chemical Analysis & Typical Physical Properties

### PT GRAMER

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### GM9

#### Chemical Analysis of the Raw Material :

CaCO <sub>3</sub>	:	98.30 % (ASTM C 25-2011)
MgCO <sub>3</sub>	:	1.30 % (ASTM C 1301-95 (2014))
Fe <sub>2</sub> O <sub>3</sub>	:	0.02 % (ASTM C 1301-95 (2014))
HCL Insoluble	:	0.22 Gravimetric

#### Physical Properties of the Raw Material :

Density (ISO 787/10)	:	2.7
Refractive Index	:	1.630
Hardness (Mohs)	:	4.44

#### Physical Properties of the Products :

Fineness :		
Top Cut (D <sub>98</sub> )	:	38 +/- 1 μm By Malvern 3000
Mean Particle (D <sub>50</sub> )	:	7.5 +/- 1 μm By Malvern 3000
Residue on 45 μm	:	- %
Whiteness (± 2%)	:	97.6 %
Moisture Content (MC)	:	0.01 %
Oil Absorption	:	32.22 % Gravimetric
Water Absorption	:	39.55 % Gravimetric
Bulk Density , Compact	:	0.812 % Gravimetric

#### Application :

- 1 Paint :  
Interior & Exterior Emulsion
- 2 Plastic :  
PVC Plastics

