



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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Chemical Analysis of the Raw Material :

CaCO ₃	:	97.70 % (ASTM C 25-2011)
MgCO ₃	:	0.85 % (ASTM C 1301-95 (2014))
Fe ₂ O ₃	:	0.01 % (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 ₉₈)	:	10.5 +/- 0.5 μm By Malvern 3000
Mean Particle (D ₅₀)	:	3 +/- 0.5 μm
Residue on 45 μm	:	- %
Whiteness (± 2%)	:	97.8 %
Moisture Content (MC)	:	MAX. 0.3 AND
Oil Absorption	:	32.02 % GRAVIMETRIC
Water Absorption	:	39.55 % GRAVIMETRIC
Bulk Density , Compact	:	0.812 % g/cc (Gravimetric)

Application :

- 1 Paint :
 - Interior & Exterior Emulsion
 - Emulsion Paint
 - Wall Putty
- 2 Plastic :
 - Rigid & Semi Rigid
 - Plasticised PVC
 - EVA/PU Foam
- 3 Filler for Paper & Board
- 4 Adhesive & Sealant compound

