



POLYKEM JUPITER (P) LTD

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GST NO: 33AALCP8403G1ZG

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CERTIFICATE OF ANALYSIS

FINCARB-360

Not Intended For Medicinal Use

Raw Material Physical Properties

CaCO ₃	99.5%	CaO	55.91%
MgCO ₃	0.30%	SiO ₂	0.09%
Fe ₂ O ₃	0.01%	Al ₂ O ₃	0.04%
HCl insoluble content	0.20%	MgO	0.05%
Cr ₂ O ₃ (PPM)	4-5 Max	L.O.I	43.64%

Product Physical Properties

Fineness	
Residue on a 45 Microns sieve (ISO 787/7)	0.01%
Top cut (d97%)	9.79 Microns
Mean particle size (d50%)	2.8 Microns
Particles < 2 Microns	42%
Whiteness	
Brightness (Ry, C/2, DIN 53163)	97.00%
Brightness CIE L*, a*, b* (DIN 6174)	98 / 0.18 / 0.9
Moisture ex works (ISO 787/2)	0.20%
GENERAL PRODUCT DATA:	
Loose bulk density	0.6 ±0.05 gm/cm ³
pH value (ISO 787/9)	9
Oil absorption (ISO 787/5)	19 ±1 g/100ml
VO absorption (ISO 787/5)	18 g/100g

We confirm that the material sample has been tested according to industry standards and found to be meeting the standard defined specifications.