

**OMEGA FINE PRODUCTS (PTY) LTD**

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PRODUCT SPECIFICATION SHEET
DOLOMITE 45 -
(CALCIUM MAGNESIUM CARBONATE)

CHEMICAL ANALYSIS	TYPICAL %
Silicon SiO ₂	1.480
Alumina Al ₂ O ₃	0.001
Iron Fe ₂ O ₃	0.073
Titanium TiO ₂	0.001
Calcium CaO	31.50
Magnesium MgO	21.90
Sodium Na ₂ O	0.066
Potassium K ₂ O	0.066
Lead Pb	0.003
Manganese MnO	0.007
L.O.I	44.80
PHYSICAL PROPERTIES	TYPICAL
pH	9.5
Moisture – ex works	< 0.5 %
Oil Absorption (g/100g product)	9.5g
Refractive Index	1.63
Hardness mohs	3.5
Whiteness	95
Specific Gravity (g/ml)	2.84
Bulk density Loose (g/ml)	1.17
PARTICLE SIZING	TYPICAL
MALVERN MASTERSIZER 3000	
TOP CUT 550MICRON	100.00 % PASSING
Dx (10) µm	44
Dx (50) µm (Mean particle size)	199
Dx (90) µm	410

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