

**OMEGA FINE PRODUCTS (PTY) LTD**

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PRODUCT SPECIFICATION SHEET
ECC 2 – 5 MICRON
(CALCIUM CARBONATE)

CHEMICAL ANALYSIS	TYPICAL %
Calcium CaO	56.06
Magnesium MgO	0.05
Silicon SiO ₂	0.02
Alumina AL ₂ O ₃	0.01
Iron Fe ₂ O ₂	0.01
L.O.I	43.89
PHYSICAL PROPERTIES	TYPICAL
pH	9 max
Moisture	< 0.3 %
Oil Absorption	18 g per 100g
Refractive Index	1.59
Hardness moh	3.0
Whiteness	98.00
Density	2.73
Bulk density (loose)	0.7g/cm ³
PARTICLE SIZING	TYPICAL
MALVERN MASTERSIZER 3000	
TOP CUT 45.6 MICRON	100.00 % PASSING
Dx (10) µm	1.4
Dx (50) µm (Mean particle size)	4.5
Dx (90) µm	18.0

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ISSUE NO: 4/ May 2023