



CALCIUM CARBONATE C

Description

CALCIUM CARBONATE C is a calcium carbonate filler of medium grind. The low oil absorption and high brightness make it suitable for a wide range of applications. Produced in Adelaide, South Australia.

Specifications

Sizing: 4% maximum + 106 micron
 Brightness (R457nm): 87 minimum

Typical Chemical & Physical Properties

Total Calcium as Lime	CaO	54.0%
Calcium Carbonate equivalent	CaCO ₃	96.4%
Magnesia	MgO	0.8%
Magnesium Carbonate equivalent	MgCO ₃	1.8%
Silica	SiO ₂	1.4%
Ferric Oxide	Fe ₂ O ₃	0.2%
Alumina	Al ₂ O ₃	0.4%
Loss on Ignition	(1000°C)	43.1%
Oil Absorption	(mls/100g) w	21
Specific Gravity		2.72
Bulk Density	(Compated, g/cm ³)	1.8
Surface Area	m ² /g	0.7
Powder CIE Colour	L*	96.51
	a*	+0.48
	b*	+3.33

Typical Particle Size Distribution by Sedimentation



Testing Methods

Particle Size	UAL 2.17	Sedigraph 5100
Sizing	UAL 2.5(B)	
Specific Gravity	UAL 2.13(B)	Ultracycnetrometre
Oil Absorption	UAL 2.9(D)	Brabender 'E' Absorptrometer
pH	UAL 2.11	
Surface Area	UAL 2.8(C)	Multipoint Gemini
Bulk Density	UAL 2.10(A)	Autotapper
CIE Colour	UAL 2.1(E)	Elrepho (D65/10 Illuminant)
Chemical Analysis	SGS XRF-4 & D3(A)	
Loss on Ignition	SGS	
Powder Brightness	UAL 2.1(D)	Microflash (D65/10 Illuminant)



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AMC has some 50 stock points within Australia and 80 throughout the world including Asia, Africa, the Americas and Europe.

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