



# Data Sheet

**CALCOTE - 5C**

**DESCRIPTION :-**

Stearic acid coated ultra-white micronised Calcium Carbonate

**CHEMICAL ANALYSIS % :-**

CaCO3	:	99,35%	TiO2	:	0,004%
MgO	:	0,244%	SiO2	:	0,03%
Fe2O3	:	0,026%	CaO	:	55,43%
Al2O3	:	0,006%	LoI	:	43,83%

**PHYSICAL PROPERTIES :-**

Density	:	2650 kg/m <sup>3</sup>
Hardness (Mohs)	:	3
Refractive Index	:	1,59
Particle Shape	:	Crystalline "Rhombohedral"
Packing Bulk Density	:	910 kg /m <sup>3</sup>
Moisture when packed	:	0,15%
pH value	:	8,7
Oil Absorption	:	22g /100g
Residue on a 40um sieve	:	0,01%
Top Cut (d98%)	:	8 um
Mean Particle Size (d50%)	:	2 um
Particles less than 4um / 1um	:	70% / 20%
Volume resistivity	:	VR > 2 x 10 <sup>(13)</sup> ohmcm
Elrepho Green Filter / tappi	:	97,1 x
	:	97 y

**USES :-**

PVC cable, pipes, profiles, calendered sheets, mouldings, compound masterbatch.

Completed :	T Carolin	Approved By _____	Approved :	S. Gregory
Title:	Quality Manager		Title :	Director
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