



Data Sheet

CALBRITE
JM 5 N

DESCRIPTION :-

Ultra-fine Calcium Carbonate Powder, manufactured from very high purity limestone.

CHEMICAL ANALYSIS % :-

CaCO ₃	:	99,35%	P ₂ O ₅	:	0,03%
MgO	:	0,22%	SiO ₂	:	0,06%
Fe ₂ O ₃	:	0,037%	CaO	:	55,1%
Al ₂ O ₃	:	0,12%	LoI	:	44,10%

PHYSICAL PROPERTIES :-

Density	:	2650 kg/m ³
Hardness (Mohs)	:	3
Refractive Index	:	1,59
Particle Shape	:	Crystalline "Rhombohedral"
Packing Bulk Density	:	910 kg /m ³
Moisture when packed	:	0,15% (max)
pH value	:	8,7
Oil Absorption	:	22g /100g
Residue on a 40um sieve	:	0,01%
Top Cut (d 98%)	:	12 um
Mean Particle Size (d50%)	:	2,4 um
Particles less than 4um	:	70%
Particles less than 2um	:	40%
Whiteness	:	95,8 Y

USES :-

Paints, coatings, PVC, plastic, crack filler, putties, ceramics, adhesives, calcium additive & agrichemicals.

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