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CALCIUM CARBONATES

A4 PRODUCT INFORMATION SHEET

C.D.S. CARBONATES ARE PRODUCED FROM VERY HIGH PURITY CARBONIFEROUS LIMESTONE.

DESCRIPTION

WHITE LIMESTONE GRANULES, NOMINALLY -3.00MM + 0.25MM. THE MATERIAL HAS BEEN CRUSHED, MILLED, DRIED AND CLASSIFIED TO PRODUCE A PRODUCT OF EXCEPTIONAL PURITY AND CONSISTENCY.

PARTICLE SIZE ANALYSIS

SIZE IN MM	TYPICAL % PASSING	SPECIFICATION LIMITS
3.35	100	100
2.00	97	95 MIN
1.70	90	85 MIN
0.125	3	5 MAX

CHEMICAL ANALYSIS

		SPECIFICATION LIMITS		
CALCIUM AS CaO	55.46%	55.00%MIN	CU	LESS THAN 2ppm
CALCIUM AS CaCO₃	99.04%	98.25%MIN	As	LESS THAN 1ppm
MgO	0.24%	0.30%MAX	Cd	LESS THAN 1ppm
AL₂O₃	0.06%		Pb	LESS THAN 25ppm
Fe₂O₃	0.024%	0.035%MAX	Zn	LESS THAN 1ppm

SiO₂ 0.05%

OTHER PROPERTIES

MOISTURE CONTENT <0.10%

BULK DENSITY(LOOSE) 1.41t/m₃

LOSS ON IGNITION 43.60%

BULK DENSITY(COMPACTED) 1.51t/m₃

SPECIFIC SURFACE AREA (BET) 0.33m₂/g

PARTICLE DENSITY(SPECIFIC GRAVITY) 2.65t/m₃

NOTE : THE FIGURES QUOTED IN THIS SHEET ARE TYPICAL OF PRODUCTION MATERIAL. HOWEVER, DUE TO THE RAW MATERIAL'S ORIGIN, VARIATIONS MAY OCCUR.

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