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CALCIUM CARBONATES

P25 INFORMATION SHEET

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

DESCRIPTION

WHITE LIMESTONE GRANULES, NOMINALLY LESS THAN 1.00MM. THE MATERIAL HAS BEEN CRUSHED, MILLED, DRIED, SCREENED AND CLASSIFIED TO PRODUCE A PRODUCT OF EXCEPTIONAL PURITY AND CONSISTENCY.

PARTICLE SIZE ANALYSIS

MICRONS	%TYPICAL PASSING	SPECIFICATION LIMITS
1180	100	100
850	90	
600	47	30 – 65
425	19	
300	5	
150	1	3 MAX

CHEMICAL ANALYSIS

		SPEC. 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%	0.50%MAX	Cd	LESS THAN 1ppm

AL₂O₃	0.06%	Pb	LESS THAN 25ppm
Fe₂O₃	0.060%	Zn	LESS THAN 1ppm
SiO₂	0.05%		

OTHER PROPERTIES

MOISTURE CONTENT	<0.10%
BULK DENSITY (LOOSE)	1.35 t/m₃
LOSS ON IGNITION	43.60%
BULK DENSITY(COMPACTED)	1.48 t/m₃
SPECIFIC SURFACE AREA (BET)	0.40 m²/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 NATURAL ORIGIN, VARIATIONS MAY OCCUR.

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