

# PRODUCT SPECIFICATION



## DERICOAT

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**DERICOAT** is a Coated fine ground natural calcium carbonate powder from pure mineral of white limestone material which process in dry treatment. Product optimally surface coated, disagglomerated, hydrophobic, stable particle size distribution and reduce water and stabilizer adsorption onto the surface of minerals.

### CHEMICAL ANALYSIS

CaCO <sub>3</sub>	%-min	98.50
MgO	%-max	0.50
Fe <sub>2</sub> O <sub>3</sub>	%-max	0.03
Acid Insoluble content for Raw Material	%	0.20
Moisture content (ISO 787/2)	%-max	0.30

### PHYSICAL PROPERTIES

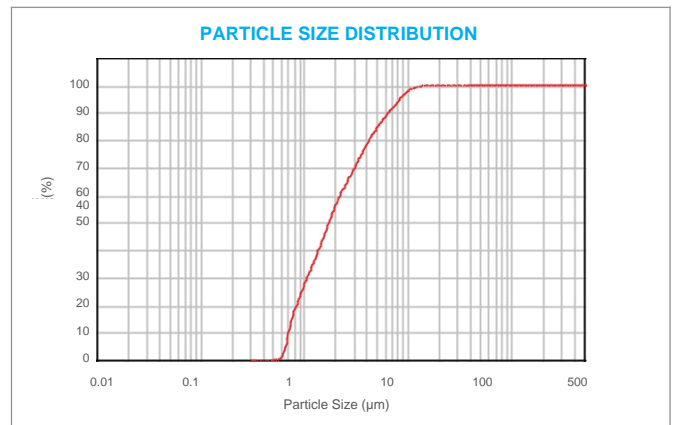
True S.g Raw Material (ISO 787/7)		2.70
Hardness Raw Material	Mohs	3.0
Particle Refractive Index		1.59
Brightness R457/T525 (ISO 2470)		92.0
Brightness (Ry, C/2°, DIN 5033)	%	94.5
Oil Absorption (ISO 787/5)	gr/100gr	14.0
DOP Absorption (ISO 787/5)	gr/100gr	16.0
Bulk Density (ISO 787/11)	gr/ml	0.8
Packed Bulk Density (ISO 787/11)	gr/ml	0.9

### APPLICATION

Paints	• Anticorrosion paints, solvent base paints
Plastics	• Polyolefin Compound/Masterbatch (PP or PE) and PVC compound • Wire and cable • Rigid, Semi Rigid, Palsticized PVC • PVC Plastisols • FRP (Fibre Reinforced Plast), SMC
Rubber	• Rubber sheet, industrial part, sponge, footwear, latex

### PARTICLE SIZE DISTRIBUTION

Top Cut d <sub>98</sub>	µm	12
Median particle diameter d <sub>50</sub>	µm	2.0
Residue on 325 mesh (ISO 787/7)	%-w max	Tr



By Malvern Mastersizer 2000

### COMPANY IDENTIFICATION

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The information data above contained available data that using for control our product quality. As the natural product that produced in large quantity, there are any conditions that we have any little tolerant for the data. Hence the data can not be taken as binding. As we have no control over the condition of using the material in any customer process, so we assume that we have no responsibility for use, misuse upon the formula beyond the presented data above.