



POLY FERT
— FOR INDUSTRY & TRADE —

PF-μ1

PFμ1 is a fine particle size, highly purity and whiteness Calcium Carbonate (CaCO_3) product which produced from Menia governorate limestone Milles.

CHEMICAL ANALYSIS AND PHYSICAL SPECIFICATION

Chemical Analysis		
CaCO_3	99 %	Min
MgCO_3	0.20 %	Max
Fe_2O_3	0.01 %	Max
Al_2O_3	0.04 %	Max
SiO_2	0.01 %	Max
Na_2O	0.05 %	Max
CaO	56.06%	Max
L.O.I	43.89 %	Max

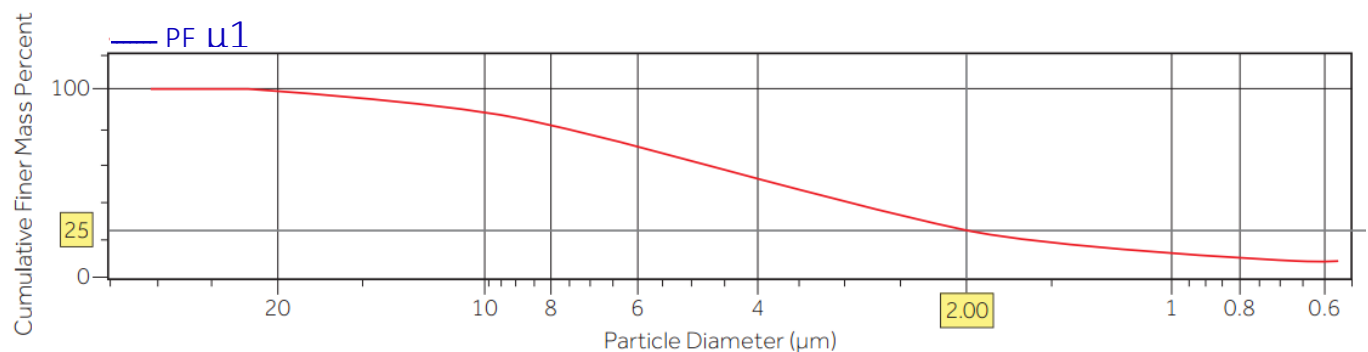
Physical Specification	
Whiteness	95% Min (Din 6174)
Refractive index	1.59 %
Humidity	0.2 % Max
Hardness (Mohs)	3.00
Density of CaCO_3	2.730 g/cm ³
p ^H	9 (iSO 787/9)
Oil absorption	19.0 ml/100g (iSO 787/5)
Bulk Density	0.85 g/ml (iSO 787/11)

FINENESS

Particle Size Distribution:

PARTICLES < 2 MM	MAIN PARTICLE SIZE (D50)	TOP CUT (D98)
25 ± 2 μm	4.0 μm Max	15.0 ± 1.00 μm

CUMULATIVE FINER MASS PERCENT vs. DIAMETER



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