

Morgan Import & Export

Lab report

Sample Name : 10 T

Test	Untreated	Unit
Particle size distribution (BETTERSIZER)		
Top cut (d97)	10.6	Mic
Mean particle size (d50)	3	Mic
< 2 mic	34.9	%
Moisture content 105 C	0.2	%
Brightness		
Rx	97.1	
Ry	96.2	
Rz	94.3	
Oil absorption (Linseed oil)	18	g/100g
Loose bulk Density	0.8	g/cm ³
PH	9	
Stearic Acid	8.8	%

Morgan Import & Export

Lab report

Sample Name : 20 T

Test	Untreated	Unit
Particle size distribution (BETTERSIZER)		
Top cut (d97)	21.2	Mic
Mean particle size (d50)	5.4	Mic
< 2 mic	21.5	%
Moisture content 105 C	0.2	%
Brightness		
Rx	97.1	
Ry	96.1	
Rz	94.3	
Oil absorption (Linseed oil)	17.5	g/100g
Loose bulk Density	0.8	g/cm ³
PH	9	
Stearic Acid	7.2	%

Morgan Import & Export

CHEMICAL COMPOSITION AND PHYSICAL PROPERTIES

CHEMICAL COMPOSITION		PHYSICAL PROPERTIES	
Content CaCO_3	99 % MIN	Whiteness	96% MIN (DIN 6174)
Content MgCO_3	0.20 % MAX	Refractive Index	1.59 %
Content Fe_2O_3	0.01 % MAX	Humidity	0.2 % MAX
Content Al_2O_3	0.04 % MAX	Hardness (Mohs)	3.00
Content SiO_2	0.01 % MAX	Density of CaCO_3	2.730 g/cm ³
Content Na_2O	0.05 % MAX	pH	9 (ISO 787/9)
Content <u>CaO</u>	56.06 % MAX	Oil Absorption	22.5 ml/100g (ISO 787/5)
L.O.I	43.89 % MAX	Bulk Density	0.7 g/ml (ISO 787/11)