Elwady Mining Industries

Natural Calcium Carbonate

Code	MR5N	MR6N	MR8N	MR10N	MR12N	MR18N	MR25N	MR35N
Chemical Analysis								
CaCO3	99 % Min.							
MgO	0.05 %							
Fe2O3	0.01 %							
AL2O3	0.01 %							
SiO2	0.02 %							
L.O.I	43.89 %							
Fineness	BY MALVERN MASTERSIZER 3000							
Top cut D (97)	5	6	8	10	12	18	25	35
Mean Particle size D (50)	1.4	1.6	2	2.5	3.4	4.5	5.5	6.5
< 2 µm	70 ±2 %	60 ±2 %	50 ±2 %	40 ±2 %	34 ±2 %	30 ±2 %	25 ±2 %	20 ±2 %
Physical Analysis								
Whiteness (Min.)	98.50%	98.50%	98.50 %	98.50 %	98.00 %	98.00 %	98.00 %	97.8 %
Hardness (Mohs)	3	3	3	3	3	3	3	3
Moisture (wt. %)	0.3 Max.	0.3 Max.	0.3 Max.	0.3 Max.	0.3 Max.	0.3 Max.	0.3 Max.	0.3 Max.
PH value (ISO 787/9)	9 Max.	9 Max.	9 Max.	9 Max.	9 Max.	9 Max.	9 Max.	9 Max.
bulk Density (g/cm^3) (ISO 787/11)	0.45 ±0.05	0.5 ±0.05	0.55 ±0.05	0.57 ±0.05	0.6 ±0.05	0.7 ±0.05	0.8 ±0.05	0.85 ±0.05
Linseed Oil absorption (g/100g) (ISO 787/5)	22.5 ±1	21.5 ±1	20.5 ±1	19.5 ±1	19 ±1	18 ±1	17 ±1	16 ±1