



The Egyptian carbonate Co. for mining S.A.E

شركة الكربونات المصرية للتعدين

CHEMICAL ANALYSIS	SF70%	SF60%	SF50%	SF40%	ECC1	ECC2	ECC3	ECC4
CaCo3	99%							
MgCO3	0.20%							
SiO2	0.01%							
Fe2O3	0.01%							
Al2O3	0.04%							
L.O.I	43.89%							
Physical Analysis								
Specific gravity	2.7 g/cm³	2.7 g/cm³	2.7 g/cm³	2.7 g/cm³	2.7 g/cm³	2.7 g/cm³	2.7 g/cm³	2.7 g/cm³
Refractive Index	1.59%	1.59%	1.59%	1.59%	1.59%	1.59%	1.59%	1.59%
Hardness	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Bulk Density (ISO 787/11)	0.5 g/ml	0.5 g/ml	0.6 g/ml	0.6 g/ml	0.7 g/ml	0.7 g/ml	0.8 g/ml	0.85 g/ml
Brightness	97.5	97.5	97.0	97.0	96.5	96.5	96.0	95.5
PH value (ISO 787/9)	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
D.O.P Oil absorption(ISO 787/5)	36.0	35.0	34.0	33.0	32.0	30.0	29.0	26.0
Linseed Oil absorption(ISO 787/5)	24.0	23.0	22.0	21.0	20.0	19.0	18.0	16.0
Fineness								
D98	5	6	8	10	13	18	20	30
D50	1.4	1.6	2	2.7	3	4	5	6
< 2 micron	70	60	50	40	32	27	25	20