

The Egyptian carbonate co. for Mining

{ Coated Calcium Carbonate }



شركة الكربونات المصرية للتعدين
ش.م.م
Egyptian Carbonate Co. for Mining
S.A.E

CHEMICAL ANALYSIS	SF70T	SF60T	SF50T	SF40T	ECC1T	ECC2T	ECC3T
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
Refractive Index	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
Bulk Density (ISO 787/11)	0.6 g/ml	0.8 g/ml	0.9 g/ml	1.0 g/ml	1.1 g/ml	1.2 g/ml	1.3 g/ml
Brightness	97.0	96.0	96.0	96.0	96.0	96.0	96.0
PH value (ISO 787/9)	9.0	9.0	9.0	9.0	9.0	9.0	9.0
D.O.P Oil absorption(ISO 787/5)	24.0	23.0	22.0	20.0	18.0	16.0	15.0
Linseed Oil absorption(ISO 787/5)	21.0	20.0	19.0	18.0	17.0	16.0	15.0
Fineness							
D98	5	6	8	10	13	18	20-25
D50	1.4	1.6	2	2.7	3	4	5
< 2 micron	70	60	50	40	34	30	25
Stearic Acid % / PMT ±0.1 %	1.4	1.3	1.2	1	0.9	0.85	0.8
Stearic Acid KG/ PMT	14	13	12	10	9	8.5	8