

Sieve analysis datasheet

Date	12-Feb-19
Samplenummer	2011110211
Quality/Product	0,1-0,5 mm
Customer	
Delivery week	
Production	

Sievefract. (in mm)	Sieve	Sieve + sand (g)	Sieve empty (g)	Weight (g)	Weight (%)	Cumulative (%)	factor M1 (cm2/g)	g * M1 (cm2)	factor M2 (mm)	g * M2 (g*mm)
>0.6	0.700	0.600	0.0	0.0	0.0	0.0	34.77	0.00	0.648	0.000
0.5-0.6	0.600	0.500	24.6	0.0	24.6	12.7	41.09	1010.84	0.548	13.474
0.4-0.5	0.500	0.425	86.9	0.0	86.9	44.8	48.86	4246.36	0.461	40.059
0.355-0.4	0.425	0.400	8.4	0.0	8.4	4.3	54.79	460.22	0.412	3.463
0.250-0.355	0.400	0.355	17.6	0.0	17.6	9.1	70.9	1053.67	0.377	6.632
0.180-0.250	0.355	0.250	40.3	0.0	40.3	20.8	74.71	3010.84	0.298	12.006
0.125-0.180	0.250	0.180	11.1	0.0	11.1	5.7	105.12	1166.79	0.212	2.355
<0.125	0.180	0.125	5.0	0.0	5.0	2.6	148.20	740.98	0.150	0.750

Total Weight: 193.9 g, Total Weight (%): 100.0%, Total g * M1: 11689.70, Total g * M2: 78.739

Theoretic specific surface S (th) = **60** cm2/g

Middle grain size (calculated) MK(calc.) = **0.406** mm

AFS = **34**

