

# Sieve analysis datasheet

Date	21-Jan-17
Samplenummer	2011110211
Quality/Product	0,1-0,3mm
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)
>0.5	0.600	0.500	0.0	0.0	0.0	0.0	41.09	0.00	0.548	0.000
0.355-0.5	0.500	0.355	0.4	0.0	0.4	0.2	52.87	21.15	0.421	0.169
0.250-0.355	0.355	0.250	90.8	0.0	90.8	45.0	74.71	6785.23	0.298	27.056
0.180-0.250	0.250	0.180	77.5	0.0	77.5	38.4	105.12	8145.46	0.212	16.438
0.125-0.180	0.180	0.125	24.9	0.0	24.9	12.3	148.20	3685.65	0.150	3.731
0.09-0.125	0.125	0.090	8.1	0.0	8.1	4.0	210.23	1698.68	0.106	0.857
0.063-0.09	0.090	0.063	0.0	0.0	0.0	100.0	295.42	0.00	0.075	0.000
<0.063	0.063	0.000	0.0	0.0	0.0	100.0	717.46	0.00	0.000	0.000

Total 201.7 100.0 20336.17 48.250

Theoretic specific surface S (th) = 101 cm2/g

Middle grain size (calculated) MK(calc.) = 0.239 mm

AFS 57

