

Sieve analysis datasheet

| | |
|-----------------|------------|
| Date | 21-Jan-16 |
| Samplenummer | 2011110211 |
| Quality/Product | 0,1-0,4 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 | 0.9 | 0.0 | 0.9 | 0.4 | 41.09 | 37.39 | 0.548 | 0.498 |
| 0.4-0.5 | 0.500 | 0.425 | 14.5 | 0.0 | 14.5 | 7.1 | 48.86 | 707.56 | 0.461 | 6.675 |
| 0.355-0.4 | 0.425 | 0.400 | 23.7 | 0.0 | 23.7 | 11.6 | 54.79 | 1300.66 | 0.412 | 9.788 |
| 0.250-0.355 | 0.400 | 0.355 | 33.3 | 0.0 | 33.3 | 16.3 | 59.87 | 1995.98 | 0.377 | 12.563 |
| 0.180-0.250 | 0.355 | 0.250 | 95.9 | 0.0 | 95.9 | 46.8 | 74.71 | 7163.27 | 0.298 | 28.564 |
| 0.125-0.180 | 0.250 | 0.180 | 32.2 | 0.0 | 32.2 | 15.7 | 105.12 | 3383.69 | 0.212 | 6.829 |
| <0.125 | 0.180 | 0.125 | 4.2 | 0.0 | 4.2 | 2.1 | 148.20 | 625.39 | 0.150 | 0.633 |

Total 204.8 100.0 15213.95 65.550

Theoretic specific surface S (th) = 74 cm2/g

Middle grain size (calculated) MK(calc.) = 0.320 mm

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