

## FOUNDRY SAND - ST 52

| Sieves  | Residue |       | Bottom |
|---------|---------|-------|--------|
| mm      | g       | %     | %      |
| 0,800   | 0       | 0     | 100,00 |
| 0,630   | 0,04    | 0,04  | 99,96  |
| 0,500   | 1,84    | 1,84  | 98,12  |
| 0,400   | 13,60   | 13,60 | 84,52  |
| 0,315   | 37,53   | 37,53 | 46,99  |
| 0,200   | 43,57   | 43,57 | 3,42   |
| 0,100   | 3,34    | 3,34  | 0,08   |
| < 0,100 | 0,08    | 0,08  | 0,00   |
| Total   | 100     | 100   |        |

|                                                                    |          |
|--------------------------------------------------------------------|----------|
| S <sub>th</sub> Theoretical specific surface cm <sup>2</sup> /g:   | 74,798   |
| MK <sub>calc</sub> Mean grain size mm                              | 0,319    |
| AFS                                                                | 49,19    |
| d <sub>50</sub> mm:                                                | 0,322    |
| d <sub>75</sub> mm:                                                | 0,257    |
| d <sub>25</sub> mm:                                                | 0,378    |
| log w                                                              | 51,99    |
| log w %                                                            | 49,92    |
| Loss by annealing %                                                | 0,06     |
| n <sub>th</sub> Theoretical specific number of the grains pieces/g | 36740,60 |

