

FOUNDRY SAND - ST 53

| Sieves mm | Residue | | Bottom |
|--------------|------------|------------|--------|
| | g | % | % |
| 0,800 | 0 | 0 | 100,00 |
| 0,630 | 0,20 | 0,20 | 99,80 |
| 0,500 | 2,00 | 2,00 | 97,80 |
| 0,400 | 8,40 | 8,40 | 89,40 |
| 0,315 | 24,00 | 24,00 | 65,40 |
| 0,200 | 42,80 | 42,80 | 22,60 |
| 0,100 | 21,60 | 21,60 | 1,00 |
| < 0,100 | 1,00 | 1,00 | 0,00 |
| Total | 100 | 100 | |

| | |
|--|-----------------|
| MK_{calc} Mean grain size mm | 0,274 |
| AFS | 55,36 |
| d₅₀ mm: | 0,274 |
| d₇₅ mm: | 0,206 |
| d₂₅ mm: | 0,349 |
| log w | 60,00 |
| log w % | 57,62 |
| S_{th} Theoretical specific surface cm²/g: | 86381,88 |
| n_{th} Theoretical specific number of the grains pieces/g | 92,622 |

