

FOUNDRY SAND - ST 55

Begining of sintering	1550 °C
Washed matter	0,04%
pH	7,8

Sieves mm	Residue		Bottom
	g	%	%
0,630	0	0	100,00
0,500	0,13	0,13	99,87
0,400	1,05	1,05	98,82
0,315	5,17	5,17	93,65
0,200	37,00	37,00	56,65
0,100	47,37	47,37	9,28
0,063	7,51	7,51	1,77
< 0,063	1,77	1,77	0,00
Total	100	100	

MK_{calc} Mean grain size mm	0,191
AFS	77,89
d₅₀ mm:	0,186
d₇₅ mm:	0,133
d₂₅ mm:	0,257
log w	52,00
log w %	49,93
S_{th} Theoretical specific surface cm²/g:	134,867
n_{th} Theoretical specific number of the grains pieces/g	297743,64

