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MEDIUM FOUNDRY SILICA SAND
1K 0,20/0,315/0,16

Grain shape – oval

Application: for manufacture moulding sand and core sand for medium steel casting.

sieve mesh diameter	mesh fraction	Converted mesh fraction	the sum of converted mesh fraction for draw the curve	parameters
mm	g	%	%	
				Main fraction 0,20/0,315/0,16
1,60	-	-	100	Binder – 0,15 %
0,80	0,10	0,10	99,90	Homogeneity index 83%
0,63	0,41	0,41	99,49	Mean grain size D50 - 0,25mm
0,40	6,46	6,47	93,02	Sintering point 1600 °C
0,315	14,70	14,72	78,30	Humidity – max. 5,5%
0,20	56,14	56,22	22,07	Permeability 325 m² /Pa x s
0,16	12,10	12,12	9,95	
0,10	9,74	9,75	0,20	Chemical analysis
0,071	0,20	0,20	0,00	SiO₂ 99,25%
0,056	-	-	-	Fe₂O₃ 0,07%
bottom	-	-	-	Carbonates 0,08%

The presented data are mean averages and depend on resource and production. We can give some information about tolerance limits of the chemical composition and the size analysis and about application the individual products. Our company gives free samples for testing. We realize delivery on the basis of negotiate sales conditions.