

TplusT, s.r.o.
A.Kmet'á 28
03601 Martin
Slovak republic
Tel +421 905 330250,905330251
Fax +421 43 4221615
Email: tplusT@gaya.sk

VERY FINE FOUNDRY SILICA SAND
1K 0,10/0,16/0,071

Grain shape – oval

Application: for production moulding sand and small iron casting, as a filler for paints and cleansers.

sieve mesh diameter	mesh fraction	Converted mesh fraction	the sum of converted mesh fraction for draw the curve	parameters
mm	g	%	%	
				Main fraction 0,10/0,16/0,071
1,60	-	-	100	Binder – 0,45 %
0,80	-	-	100	Homogeneity index 91%
0,63	-	-	100	Mean grain size D50 - 0,14mm
0,40	-	-	100	Sintering point 1600 °C
0,315	0,27	0,27	99,73	Humidity – max. 5,5%
0,20	5,80	5,83	93,90	Permeability 120 m² /Pa x s
0,16	18,21	18,29	75,61	
0,10	64,10	64,39	11,22	Chemical analysis
0,071	8,46	8,50	2,72	SiO₂ 99,20%
0,056	2,31	2,32	0,40	Fe₂O₃ 0,10%
bottom	0,40	0,40	0,00	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.