

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

**COARSE FOUNDRY SILICA SAND**  
**1K 0,20/0,315/0,40**

**Grain shape – oval**

**Application: for manufacture moulding sand and core sand for production: iron casting, steel casting and non ferrous casting.**

sieve mesh diameter	mesh fraction	Converted mesh fraction	the sum of converted mesh fraction for draw the curve	parameters
mm	g	%	%	
				<b>Main fraction 0,20/0,315/0,40</b>
<b>1,60</b>	-	-	<b>100</b>	<b>Binder – 0,12 %</b>
<b>0,80</b>	<b>1,24</b>	<b>1,24</b>	<b>98,76</b>	<b>Homogeneity index 82%</b>
<b>0,63</b>	<b>6,88</b>	<b>6,89</b>	<b>91,87</b>	<b>Mean grain size D50 - 0,30mm</b>
<b>0,40</b>	<b>14,86</b>	<b>14,88</b>	<b>76,99</b>	<b>Sintering point 1600 °C</b>
<b>0,315</b>	<b>21,51</b>	<b>21,54</b>	<b>55,46</b>	<b>Humidity – max. 5,5%</b>
<b>0,20</b>	<b>45,70</b>	<b>45,75</b>	<b>9,70</b>	<b>Permeability 420 m<sup>2</sup> /Pa x s</b>
<b>0,16</b>	<b>6,85</b>	<b>6,86</b>	<b>2,84</b>	
<b>0,10</b>	<b>2,44</b>	<b>2,44</b>	<b>0,40</b>	<b>Chemical analysis</b>
<b>0,071</b>	<b>0,40</b>	<b>0,40</b>	<b>0,00</b>	<b>SiO<sub>2</sub> 99,30%</b>
<b>0,056</b>	-	-	-	<b>Fe<sub>2</sub>O<sub>3</sub> 0,06%</b>
<b>bottom</b>	-	-	-	<b>Carbonates 0,08%</b>

**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.**