



**Silica Foundry Sand  
Quality Control Report  
(Typical)**

<b>Product Code</b>	50/55 AFS
<b>Report Number</b>	KRF 01
<b>Batch Number</b>	KRF01A1-B2
<b>Customer</b>	
<b>Truck Plate</b>	
<b>Loaded Date</b>	08.06.2005

No	Inspection & Controls	Standards	
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Sieve Analysis			TS 5426 / 5425		
sieve opening (mm)	retained a (gr)	oversize percentage (%)	undersize percentage (%)	oversize cumulative	undersize cumulative
		0,00	0,00	0,00	100,00
1,400	0,000	0,00	0,00	0,00	100,00
1,000	0,000	0,00	0,00	0,00	100,00
0,710	0,000	0,00	0,20	0,00	100,00
0,500	0,100	0,20	9,30	0,20	99,80
0,355	4,650	9,30	44,60	9,50	90,50
0,250	22,300	44,60	42,76	54,10	45,90
0,180	21,380	42,76	2,80	96,86	3,14
0,125	1,400	2,80	0,34	99,66	0,34
0,090	0,170	0,34	0,00	100,00	0,00
0,063	0,000	0,00	0,00	100,00	0,00
0,020	0,000	0,00	0,00	100,00	0,00
<b>Total</b>	<b>50</b>	<b>100,00</b>	<b>100,00</b>		

Grain Size	Results
AFS	51,70
Micron	268,46

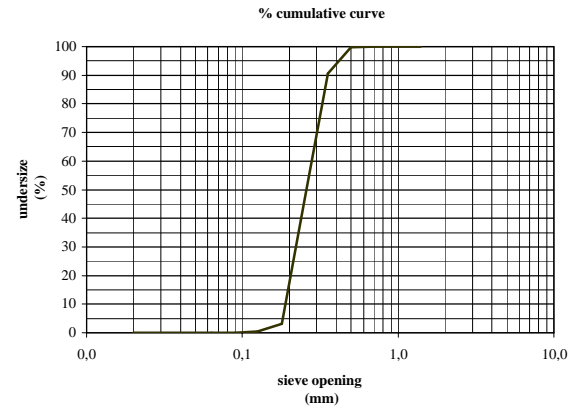
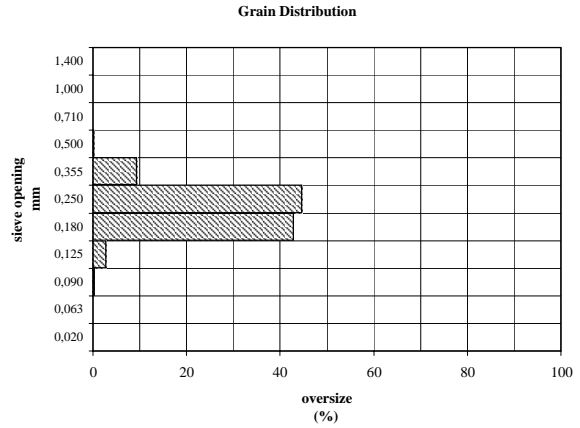
2	Specific surface (theoretical) (cm <sup>2</sup> /g)	88,21
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3	S <sub>v</sub> =Q <sub>1</sub> /Q <sub>3</sub>	1,48
	Q <sub>1</sub> (mm)	0,31
	Q <sub>3</sub> (mm)	0,21

4	Average grain size (Mg-M50)	0,27	50
	2/3 Mg	0,18	9
	4/3 Mg	0,36	94
	Uniformity coefficient %		85



No	Inspection & Controls	Standards	Results		Explanation:
			1.Sample	2.Sample	
5	Visual Inspection	TS 5426	OK	OK	Customer conditions Date :
6	Chemical Composition	TS 2979			
	SiO <sub>2</sub> %		min 98	min 98	
	Fe <sub>2</sub> O <sub>3</sub> %				
	CaO + MgO %				
	Na <sub>2</sub> O + KO %				
	Al <sub>2</sub> O <sub>3</sub> %				
7	LOI %	TS 2980	0,2	0,2	
8	Sintering Point °C	TS 5426	min 1500	min 1500	
9	AFS Clay %	TS 5426	0,17	0,16	
10	Moisture %	TS 3084			

Q&C Personel	Signature	Date	Hour	Approved By	Signature	Date	Saat
M.KARKI		08.06.2005	13:30	T.YILDIZ		08.06.2005	14:35