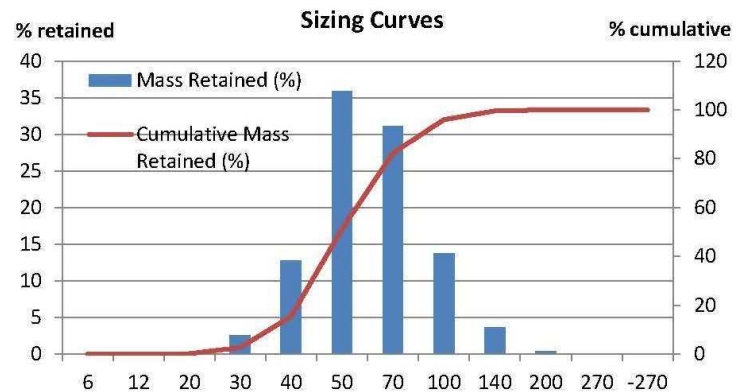


**Product Type** Chrome Foundry Sand  
**Grade** Dry Foundry 44-50

Chemical Analysis	Specification	
Cr <sub>2</sub> O <sub>3</sub>	46.0%	Min
SiO <sub>2</sub>	1.0%	Max
FeO	26.5%	Typical
Cr:Fe	1.50	Min
MgO	10.3%	Typical
Al <sub>2</sub> O <sub>3</sub>	14.5%	Typical
CaO	0.13%	Typical
MnO	0.23%	Typical
TiO <sub>2</sub>	0.6%	Typical
V <sub>2</sub> O <sub>5</sub>	0.4%	Typical

Other Analyses	Specification	
AFS	44 – 50	
Turbidity	n/a	
Moisture	0.2%	max
pH	7 - 9	
Acid Demand at:		
pH3	5.00	Typical
pH4	4.00	Typical
pH5	3.00	Typical

Sizing			
U.S. Mesh (approx.) ASTM E11	Micron (μ) SABS 0197	Mass Retained on Screen (%)	Cumulative Mass (%)
6	3350	0.00	0.00
12	1700	0.00	0.00
20	850	0.10	0.10
30	600	2.50	2.60
40	425	12.70	15.30
50	300	35.90	51.20
70	212	31.10	82.30
100	150	13.70	96.00
140	106	3.60	99.60
200	75	0.40	100
270	53	0.00	100
-270	-53	0.00	100



Thanking You,

**For Mahek Enterprise**



**[Authorized Signatory]**