



**ITSHE RESOURCES (PTY) LTD**

## Product Datasheet

Foundry Grade Chromite Sand

Analysis	Typical %
Cr <sub>2</sub> O <sub>3</sub>	46 Minimum Guaranteed
SiO <sub>2</sub>	1 Maximum Guaranteed
Fe <sub>2</sub> O <sub>3</sub>	28.33
Al <sub>2</sub> O <sub>3</sub>	14.5
CaO	0.18 Typical Maximum 0.2
MgO	10.2 Typical Maximum 11
TiO <sub>2</sub>	0.69
V <sub>2</sub> O <sub>5</sub>	0.34
P	0.0027
S	0.0029
CR:Fe Ratio	1.58 : 1
Physical Properties	
Bulk Density lbs /Cu.Ft	155 - 165
Specific Gravity	4.3 - 4.5
Acid Demand	
pH 3	Typical 2.88
pH 4	Typical 1.08
pH 5	Typical 0.56
pH	Typical 7.20
Sizing	
AFS Grain Fineness No	40 - 50
<p>Information above is given in good faith as accurate but not guaranteed to be a specification. No guarantee is given or implied. Users should conduct tests to determine suitability for any specific purpose.</p>	
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US Sieve No / Mesh	Microns	Percentage
+20	+850	0.6
+30	+600	10.5
+40	+425	14.7
+50	+300	30.7
+70	+212	26.1
+100	+150	14.7
+140	+106	2.2
+200	+75	0.4
+270	+53	0.1
-270	-53	0
		<b>Typical</b>
<b>AFS</b>		<b>45.24</b>