

Analysis		Typical %
Cr ₂ O ₃		46 Minimum
SiO ₂		1 Maximum
Fe ₂ O ₃		28.33
Al ₂ O ₃		14.5
CaO		0.18 Typical Maximum 0.02
MgO		10.2 Typical Maximum 11
TiO ₂		0.69
V ₂ O ₅		0.34
P		0.0027
S		0.0029
CR:Fe Ratio		1.58 : 1
Physical Properties		
Acid Demand		
pH3		Typical 2.88
pH4		Typical 1.08
pH5		Typical 0.56
pH		Typical 7.20
Sizing		
AFS Grain Fineness No.		40 - 50
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