Typical Chemical Analysis (% Dry Basis)

Chemical composition	Weight %
Iron (Fe)	59.00
Silica (SiO_2)	4.40
Alumina (Al_2O_3)	1.90
Phosphorus (P)	0.054
Sulfur (S)	0.027
Loss On Ignition (LOI)	8.50
Manganese (Mn)	0.50
Magnesium Oxide (MgO)	0.007
Calcium Oxide (CaO)	0.050
Titanium Oxide (TiO_2)	0.070
Sodium Oxide (Na_2O)	0.030
Potassium Oxide (K_2O)	0.030
Arsenic (As)	0.007
Chromium (Cr)	0.005
Copper (Cu)	0.010
Nickel (Ni)	0.004
Cobalt (Co)	0.003
Vanadium (V)	0.003
Tin (Sn)	0.002
Zinc (Zn)	0.003
Barium (Ba)	0.001
Lead (Pb)	0.001

Typical Size Distribution on Loaded (% Natural Basis)

mm	Weight %
+10	0.2
+6.3	12.0
-6.3 +4	17.2
-4 +0.5	55.6
-0.5+0.15	8.5
-0.15	6.7

Typical Moisture on Loaded

9.00%

Typical Physical Properties on Loaded

LOI (total)	8.50
Bulk Density Loose (t/m^3)	1.9
Bulk Density Compacted (t/m^3)	2.1
Iron (Calcined)	64.4