



Test Report

80C mesh No.W231010

Mineral Content

Mineral Name	Garnet	Ilmenite	Omphacite	Rutile	Quartz	Hornblende
Content (%)	90-96	1.0	1.8	0.6	<0.1	<0.5

Chemical Composition

Content	Fe2O3	SiO2	TiO2	Al2O3	FeO	CaO	MgO	MnO	Sol.CL
%	17	39	0.05	21	8	9.5	5	0.4	<25ppm

Physical Characteristics

Parameter	Density(g/cm3)	Bulk Gravity	Mohs Hardness	Color	Grain Shape	Conductivity	Toxicant	(%)Acid Solubility(HCL)
Data	3.8-4.1	2.3-2.4	7.5-8.0	Red	Sub Angular	<25S/m	No	<1.0%

Mesh Size Analysis

Product Range(Size Distribution .Typical)

Mesh	Microns	Retained %
		New 80C# Screen 3 times
+35	500	0
+40	425	0
+50	300	39.39
+60	250	25.20
+70	212	18.50
+80	180	12.50
+90	160	3.00
+100	150	0.68
+120	125	0.43
-120	125	0.30
PAN		0
Total		100

Remarks:Testing sieves by GBT6003.1-2012

Focusing Tube(Nozzle) Inner Diameter: 0.040" - 0.042"