

Test Report

80A mesh No.W231031

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 %
		80A# Screen 2 times
+40	425	0
+50	300	8.95
+60	250	29.70
+70	212	25.75
+80	180	23.40
+90	160	7.0
+100	150	0.8
+120	125	2.5
-120	125	1.9
PAN		0
Total		100

Remarks:Testing sieves by GBT6003.1-2012

Focusing Tube(Nozzle) Inner Diameter: 0.030"- 0.042"