



Test Report

120 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	SoI.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 %
		120#
+40	425	
+50	300	
+60	250	0
+70	212	6.9
+80	180	7.06
+100	150	12.96
+120	125	46.86
+140	106	11.96
+170	90	10.27
+200	75	3.99
PAN		0
Total		100

Remarks:Testing sieves by GBT6003.1-2012

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