

Test Report

80 mesh No.W250710

Mineral Content

Mineral Name	Garnet	Ilmenite	Quartz	Others
Content (%)	>98	0.5-1	<0.2%	<0.1

Chemical Composition

Content	Fe2O3	SiO2	TiO2	Al2O3	FeO	CaO	MgO	Sol.CL
%	15	36.21	3.24	19.43	16	1.98	5.51	<20ppm

Physical Characteristics

Parameter	Density(g/cm3)	Bulk Gravity	Mohs Hardness	Color	Grain Shape	Conductivity	Toxicant	Melting Point
Data	3.9-4.1	2.1-2.3	7.8-8.0	Pink	Sharp Angular	<150 μ S/cm	No	1300 C

Mesh Size Analysis

Product Range(Size Distribution .Typical)

Mesh	Microns	Retained %
		80#
+40	425	0
+50	300	0.55
+60	250	12.61
+80	180	33.63
+100	150	31.76
+120	125	11.39
-120	125	7.88
PAN		2.18
Total		100

Remarks:Testing sieves by GBT6003.1-2012

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