



Test Report

80 mesh No.W250826

PO NO. 55847

Mineral Content

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

Chemical Composition

Content	Fe ₂ O ₃	SiO ₂	TiO ₂	Al ₂ O ₃	FeO	CaO	MgO	Sol.CL
%	15	36.21	3.24	19.43	16	1.98	5.51	<20ppm

Physical Characteristics

Parameter	Density(g/cm ³)	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	11.90
+60	250	21.0
+80	180	46.40
+100	150	10.30
+120	125	7.80
PAN		2.60
Total		100

Remarks:Testing sieves by GBT6003.1-2012