



Test Report

30/60 mesh No.W241223

BATCH NO. 55761

Mineral Content

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

Chemical Composition

Content	Fe ₂ O ₃	SiO ₂	TiO ₂	Al ₂ O ₃	FeO	CaO	MgO	MnO	Sol.CL
%	17	39	0.05	21	8	9.5	5	0.4	<25ppm

Physical Characteristics

Parameter	Density(g/cm ³)	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 %
		30/60# 3 times
+25	710	0
+30	600	9.86
+35	500	19.23
+40	425	22.26
+50	300	37.20
+60	250	10.91
+70	212	0.47
PAN		0.07
Total		100

Remarks:Testing sieves by GBT6003.1-2012