

Test Report

80 mesh No.W240105

Mineral Name	Omphacite	Ilmenite	Almandine Garnet	Rutile	Quartz	Hornblende	Free Silica
Content (%)	85-90	0.5	5-10	0.3	<0.1	<0.5	<1%

Chemical Composition

Content	Fe ₂ O ₃ +FeO	SiO ₂	TiO ₂	Al ₂ O ₃	CaO	MgO	MnO	Sol.CL
%	10-12	49-56	0-4	8-14	8-12	5-11	0-1	<25ppm

Physical Characteristics

Parameter	Specific Gravity(g/cm ³)	Mohs Hardness	Color	Grain Shape	Conductivity	Toxicant	Melting point	Chloride content
Data	3.29-3.37	6.6-6.8	Dark Green	Sub Angular	<25 ms/m	No	1100°C	less than 15ppm (25ppm max)

Mesh Size Analysis

Product Range(Size Distribution .Typical)

Mesh	Microns	Retained %
		80#
+40	425	0
+50	300	0
+60	250	4.5
+70	212	20
+80	180	39
+90	160	19
+100	150	3.5
+120	125	9
-120	125	5
PAN		0
Total		100

Remarks:Testing sieves by GBT6003.1-2012

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