



# Test Report

30/60 mesh No.W250826

PO NO. 55848

## 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 $\mu$ S/cm | No       | 1300 C        |

## Mesh Size Analysis

### Product Range(Size Distribution .Typical)

| Mesh  | Microns | Retained % |
|-------|---------|------------|
|       |         | 30/60#     |
| +25   | 710     | 0          |
| +30   | 600     | 2.50       |
| +40   | 425     | 25.60      |
| +50   | 300     | 29.80      |
| +60   | 250     | 35.90      |
| +70   | 212     | 5.90       |
| PAN   |         | 0.30       |
| Total |         | 100        |

Remarks:Testing sieves by GBT6003.1-2012