|  |  |  |  |
| --- | --- | --- | --- |
| **Sno** | **Description** | **UOM** | **Specification** |
|  | Physical State / Color | - | Solid/Brown |
|  | Assay Content | % | NA |
|  | Grade | - | NA |
|  | Mol. Wt. | gm/mole | NA |
|  | **Element** | **%** | **Percentage** |
|  | Mica content | % | >90 |
|  | Bonded Content | % | <10 |
|  | Width | mm | 20±1 or 25±1 mm |
|  | Thickness | mm | 0.90 – 1.10 |
|  | Thermal Conductivity | W/m-K | 0.3 |
|  | Heat Resistance | °C | 500 |
|  | Melting point | °C | 1250 – 1800 |
|  | Supplier | - | Indo union Mica |
|  | MSDS no. | - | XXX |
|  | CAS no. | - | XXX |
|  | **Acceptance Criteria** | | |
|  | Visual Acceptance | - | Solid Brown color |
|  | Assay Content | % | >90 |
|  | Dimensions | - | Drawing no: |
|  | Thermal Conductivity | W/m-K | 0.3 ± 0.1 |
|  | **Properties** | **Test Method** | **Test Agency** |
|  | Dimensions | Vernier & others | RES |
|  | Thermal Conductivity | COC | NABL, IIT-HYD, CMET |
|  | Moisture | Moisture analyser | RES |