|  |  |  |  |
| --- | --- | --- | --- |
| **S.no** | **Description** | **UOM** | **Specification** |
|  | Physical State / Color | - | Solid/Brown |
|  | Assay Content | % | XXX |
|  | Grade | - | XXX |
|  | Volume Resistivity | Ohm/cm | 1014 |
|  | Electric Strength | V/m | 2 KV for 10 secs |
|  | Punctures and Through inclusion of foreign minerals | **-** | Impermissible |
|  | Dielectric constant | **-** | 6% |
|  | Dielectric strength | V/m | 2 KV for 10 sec sat random on mica sheet |
|  | Width | mm | 20±1 or 25±1 mm |
|  | Thickness | mm | 0.90 – 1.10 |
|  | Specific heat | J/ (kg K) | 880 |
|  | Thermal Conductivity | W/m-K | 0.3 |
|  | Supplier | - | Indo union mica |
|  | Melting point | °C | 1800 |
|  | MSDS no. | - | XXX |
|  | CAS no. | - | 12001-26-2 |
|  | **Acceptance Criteria** | | |
|  | Visual Acceptance | - | Brown |
|  | Assay Content | % | XXX |
|  | Dimensions | - | Drawing no: |
|  | Thermal Conductivity | W/m-K | 0.3 |
|  | **Properties to be tested** | **Test Method** | **Test Agency** |
|  | Dimensions | Vernier & others | RES |
|  | Thermal Conductivity | COC | NABL, IIT-HYD, CMET |
|  | Moisture | Moisture analyser | RES |