|  |  |  |  |
| --- | --- | --- | --- |
| **Sno** | **Description** | **UOM** | **Specification** |
|  | Physical State / Color | - | Fibrous paper / Creamy White |
|  | Grade | - | S |
|  | Mol. Wt. | g/mol | - |
|  | **Element** | **%** | **Percentage** |
|  | Al2O3 | % | 42 - 46 |
|  | SiO2 | % | 54 - 56 |
|  | Fe2O3 + TiO2 | % | < 0.5 |
|  | CaO | % | - |
|  | MgO | % | - |
|  | Loss on Ignition | % wt | < 10 |
|  | Density | kg/m3 | ≤ 210 |
|  | Tensile Strength | kPa | ≥ 300 |
|  | Thickness | Mm | 1 ± 0.01 |
|  | Max use temperature | °C | 1260 |
|  | Thermal Conductivity | W/mK | 0.17 – 0.22 |
|  | Supplier | - | Uni Frax |
|  | MSDS no. | - | XXX |
|  | CAS no. | - | XXX |
|  | **Acceptance Criteria** | | |
|  | Visual Acceptance | - | Creamy White Paper |
|  | Dimensions | - | As per drawing No. |
|  | Thickness (Avg) | - | 1 ± 0.01 |
| **15.** | **Properties to be tested** | **Test Method** | **Test Agency** |
|  | Thermal Conductivity | DSC/TGA | NABL, IIT-HYD, CMET |