|  |  |  |  |
| --- | --- | --- | --- |
| **S.no** | **Description** | **UOM** | **Specification** |
|  | Physical State / Color | - | Blue |
|  | Assay Content | % | NA |
|  | Grade | - | NA |
|  | Coefficient Thermal Expansion (300 - 3000C) | cm/cm/0C | 85 to 96 x 10-7 |
|  | Density (Specific Gravity) | gm/cm3 | 2.44 to 2.7 |
|  | Softening Point (10 7.6 Poise) | 0C | 640 - 6900C |
|  | Annealing Point (013 Poise) | 0C | 465 - 4800C |
|  | Working Point | 0C | 980 - 10200C |
|  | Strain Point [10 14.6 Poise] | 0C | 405 - 4800C |
|  | Dielectric Constant | - | 6 to 10 |
|  | Volume Resistivity [Log10 DC Resistivity at 250C] | Ohm cm | 8.0 – 16 Ohm cm |
|  | Supplier | - | Televac |
|  | Melting point | °C | 450 |
|  | MSDS no. | - | XXXX |
|  | CAS no. | - | XXXX |
|  | **Acceptance Criteria** | | |
|  | Visual Acceptance | - | Blue |
|  | Insulation Resistance | MΩ | 10 |
|  | **Properties to be tested** | **Test Method** | **Test Agency** |
|  | Thermal Conductivity | COC | NABL, IIT-HYD, CMET |