|  |  |  |  |
| --- | --- | --- | --- |
| **S.no** | **Description** | **UOM** | **Specification** |
|  | Physical State / Color | - | Solid |
|  | Grade |  |  |
|  | Igniter Resistance | Ohm | . |
|  | Head mass test | grams | Range of powder mass:0.03gms to 0.12gms |
|  | Thermal Cycling |  | Duration:6hrs, Temp:-(60+5) deg c for each cycle this test is carried for 3 cycles |
|  | Vibration | Hz | Frequency 20-25HZ |
|  | Powder Piles | Ampere | Current 0.49-0.51A |
|  | All fire current | Ampere | 2000mA for 10ms |
|  | No fire current | Ampere | 500mA for 300 sec |
|  | Surface texture |  |  |
|  | Thermal conductivity |  |  |
|  | MSDS no. | - |  |
|  | CAS no. |  | 121-82-4 |
|  | **Acceptance Criteria** | | |
|  | Visual Acceptance | - |  |
|  | Dimensions | - | Drawing no: |
|  | Thermal conductivity | W/m-K |  |
|  | Electrical properties | Ohm | 0.75-1.20 |
|  | **Properties** | **Test Method** | **Test Agency** |
|  | Quantitative analysis | ICPMS | IIT-HYD/CMET |
|  | Dimensions | Vernier & others | RES |
|  | Electrical properties | Ohmmeter & others | RES |
|  | Thermal Conductivity | COC | NABL, IIT-HYD, CMET |