



Document : *Specification*

Title: *CL-08® SUPER - CONDUCTIVE BLACK*

| SI.No. | CHARACTERISTICS | UNIT | TEST METHOD | SPECIFICATION |
|--------|--|-------------------|-------------|---------------|
| 1 | Iodine Number | mg/g | ASTM D-1510 | 1000 ± 10 |
| 2 | B.E.T Surface area | m ² /g | ASTM D-6556 | 1050 ± 10 |
| 3 | Stratistical Thickness Surface Area | m ² /g | ASTM D-6556 | 980 ± 10 |
| 4 | Heat Loss | Wt % | ASTM D-1509 | 2.0 Max |
| 5 | Ash Content | Wt % | ASTM D-1506 | < 0.6 |
| 6 | pH Value | - | ASTM D-1512 | 8.0 ± 1.0 |
| 7 | Sieve Residue - 325 Mesh | ppm | ASTM D-1514 | < 25.0 |
| 8 | Sieve Residue - 35 Mesh | ppm | ASTM D-1514 | Nil |
| 9 | DBP Absorption No. | ml/100g | ASTM D-2414 | 525 ± 10 |
| 10 | Pour Density | Kg/m ³ | ASTM D-1513 | 120 ± 20 |
| 11 | Total Sulfur Content | % | ASTM D-1619 | < 3.0 |
| 12 | Heavy Metals(Vanadium,Nickel,Lead,Chromium,Copper etc) | % | AAS | < 0.25 |
| 13 | Conductivity in NR Compound ASTM D 3192 | mS/m | ASTM D 991 | 140 ± 10 |