



**Document** : *Specification*

**Title**: *EH-02 CONDUCTIVE BLACK*

| Sl.No. | CHARACTERISTICS                     | UNIT              | TEST METHOD | SPECIFICATION |
|--------|-------------------------------------|-------------------|-------------|---------------|
| 1      | Iodine Number                       | mg/g              | ASTM D-1510 | 240 ± 10      |
| 2      | B.E.T Surface area                  | m <sup>2</sup> /g | ASTM D-6556 | 260 ± 10      |
| 3      | Stratistical Thickness Surface Area | m <sup>2</sup> /g | ASTM D-6556 | 255 ± 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 | 7.0 ± 1.0     |
| 7      | Sieve Residue - 325 Mesh            | ppm               | ASTM D-1514 | < 20.0        |
| 8      | Sieve Residue - 35 Mesh             | ppm               | ASTM D-1514 | Nil           |
| 9      | DBP Absorption No.                  | ml/100g           | ASTM D-2414 | 170 ± 10      |
| 10     | Pour Density                        | Kg/m <sup>3</sup> | ASTM D-1513 | 170 ± 25      |
| 11     | Total Sulfur Content                | %                 | ASTM D-1619 | < 1.0         |
|        |                                     |                   |             |               |