



## TEST CERTIFICATE

Product: HDPE Rods

### Test Parameters and Results

| Test Parameter      | Standard Value                | Test Result            | Remarks         |
|---------------------|-------------------------------|------------------------|-----------------|
| Diameter Tolerance  | +/- 0.2 mm                    | +/- 0.18 mm            | Within Standard |
| Density             | 0.94 - 0.96 g/cm <sup>3</sup> | 0.95 g/cm <sup>3</sup> | Conforms        |
| Tensile Strength    | ≥ 25 MPa                      | 28 MPa                 | Conforms        |
| Elongation at Break | ≥ 300%                        | 310%                   | Conforms        |
| Hardness (Shore D)  | 60 - 70                       | 65                     | Conforms        |
| Impact Strength     | High                          | High                   | Conforms        |
| Water Absorption    | < 0.01% (24 hrs)              | 0.008%                 | Conforms        |
| Melting Point       | ~130°C                        | 131°C                  | Conforms        |
| Thermal Stability   | Up to 100°C                   | 100°C                  | Conforms        |
| Chemical Resistance | Excellent                     | Excellent              | Conforms        |

### Declaration

This is to certify that the above-mentioned HDPE Rods have been tested as per industry standards and specifications. The results meet or exceed the required benchmarks for industrial-grade use.

The testing has been conducted under the supervision of qualified professionals, adhering to stringent quality control measures, ensuring compliance with applicable standards and best practices.