CERTIFICATE OF ANALYSIS

**Product Grade: HO-201C-12MIC Glossy**

**Product Name: BOPP film-12MIC Glossy**

**Corona treatment one side or both sides.**

**AS PER ORDER NO:**

|  |  |  |  |
| --- | --- | --- | --- |
| Specification |   **BOPP film- 12mic Glossy** | Test Standard | ASTM |
| Test temperature | 23℃ | Test Date | 2023 .2.17 |
| Test Item | Unit | Test Requirement | Test Result | Opinion |
| Tensile | MD | M pa | ≥120 | **139** | ASTMD-882 |
| TD | ≥200 | **321** |  ASTMD-882 |
| Elongation at break | MD | % |  ≤180 | **179** |  ASTMD-882 |
| TD |  ≤65 | **45** |  ASTMD-882 |
| COF | SA | ≤0.8 | **0.418** | ASTMD-1894 |
| KA | ≤0.8 | **0.37** |
| Heat Shrinkage | MD | ≤4.5 | **3.1** |   ASTMD-1204 |
|  TD |  ≤3.0 | **0.9** |
| HAZE |  % | ≤2.0  | **1.41** | Internal method |
| Wetting tension | mN/m |  ≥38 | **42** | Internal method  |
| Gloss | % |  ≥85  | **104.80** |  ASTM-1894 |
| Appearance | Qualified |
| Test Conclution | Qualified |
| Remarks | 　 |

Tested by: Fengtao