CERTIFICATE OF ANALYSIS

**Product Grade: HO-201C-15MIC MATT**

**Product Name: BOPP film-15MIC MATT**

**Both sides corona treated ,one side matt.**

**AS PER ORDER NO:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Specification | | **BOPP film- 15mic MATT** | | Test Standard | ASTM |
| Test temperature | | 23℃ | | Test Date | 2023 .5.12 |
| Test Item | | Unit | Test Requirement | Test Result | Opinion |
| Tensile | MD | M pa | ≥120 | **114** | ASTMD-882 |
| TD | ≥200 | **280** | ASTMD-882 |
| Elongation at break | MD | % | ≤200 | **192** | ASTMD-882 |
| TD | ≤65 | **63** | ASTMD-882 |
| COF | | SA | ≤0.8 | **0.403** | ASTMD-1894 |
| KA | ≤0.8 | **0.398** |
| Heat Shrinkage | | MD | ≤4.5 | **2.6** | ASTMD-1204 |
| TD | ≤3.0 | **0.46** |
| HAZE | | % | ≥ 2.0 | **73.1** | Internal method |
| Wetting tension | | mN/m | ≥38 | **42** | Internal method |
| Gloss | | % | ≤85 | **10.2** | ASTM-1894 |
| Appearance | | Qualified | | | |
| Test Conclution | | Qualified | | | |
| Remarks | |  | | | |

Tested by: Fengtao