

Testing report

No: 2023001

Sample name: Polyethylene Greenhouse Film (Light Diffusing)

Sample specifications: 9000 x 0.12 (mm)

Testing Party:

Production Party:

Inspection Category: Supervision Inspection

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|---|---|------------------|----------------------------|------------------------|
| Name | Polyethylene Greenhouse Film (PE) | | Inspection Category | Supervision Inspection |
| Sample Specifications | 9000 x 0.12 (mm) | | Sample Grade | Pass QC |
| Testing Party | - | | Trademark | - |
| Production Party | - | | Sampling Location | Center Business Office |
| Production Party Address | - | | Sampler | Gao Peng |
| Sample Size | - | | Sampling Date | 2023.02.12 |
| Sample Quantity | 3m | | Production Date | 2023.02.09 |
| Sample Characteristics & Condition | Pass QC | | Sample Batch Number | - |
| Inspection Environment | Temperature: 23C ° ; Humidity: 48% | | Inspection Date | 2.23.03.10 |
| Basis of Inspection | Product Standard | QB/T 4475-2013 | | |
| | Inspection Method Standard | GB/T 1040.3-2006 | | |
| Inspection Requirements | Appearance, Physical and Mechanical Properties, Dimensional Deviations | | | |
| Inspection Conclusion | The inspected items of this sample comply with the requirements of QB/T 4475-2013 standard. | | | |
| Note | | | | |

| Number | Test items | Units | Requirement | Test result | Final | |
|--------------|------------------------------|-------|---|-------------|-------|------|
| 1 | Exterior Appearance | - | The surface should be flat and free from bubbles, stripes, perforations, cracks, exposed fibers, wrinkles, and similar issues that could affect usability. The applied coating should not exhibit any scratches or abrasions that would impact its use. | Match | Pass | |
| | | - | The film surface should not contain impurities, crystalline spots, or lumps larger than 2.0mm. Impurities, crystalline spots, or lumps in the size range of 0.6mm to 2.0mm should not exceed 20 units / m ² . | Match | Pass | |
| 2 | Width tolerance | % | +2.5 , -1.0 | 1.1 | Pass | |
| 3 | Thickness tolerance | % | ±23 | 18 | Pass | |
| 4 | Thickness average | % | ±10 | 9 | Pass | |
| 5 | Tensile Strength at break | MD | MPa | ≥ 23 | 25 | Pass |
| | | TD | MPa | ≥ 23 | 30 | Pass |
| 6 | Elongation at break | MD | % | ≥ 500 | 654 | Pass |
| | | TD | % | ≥ 500 | 875 | Pass |
| 7 | Tear resistance | MD | kN/m | ≥ 60 | 147 | Pass |
| | | TD | kN/m | ≥ 60 | 162 | Pass |
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| Note: | "- " indicates a blank item. | | | | | |