

BOPA

TECHNICAL DATA SHEET for BOPA Film

No. : FDF/ JB-17-93

| SPECIFICATION: 12 MIC | Temperature: 24 °C | | Date of Test: 2017.9.14 | | |
|---|--------------------------|--------|-------------------------------|-----|---------|
| | Relative Humidity: 48% | | Production Date: 2017.9.13 | | |
| Item No. : BOPA Film (TOA) | Method: GB/T 20218-2006 | | | | |
| Properties | Standard | | Measured Values | | Comment |
| | M | D | M | D | |
| Tensile Strength MPa | ≥200 | ≥230 | 230 | 320 | Passed |
| Elongation at Break % | 80-180 | 70-180 | 127 | 75 | Passed |
| Thermal Shrinkage % | ≤3.0 | ≤2.0 | 1.3 | 1.4 | Passed |
| Tear Strength mN | ≥60 | ≥60 | 82 | 67 | Passed |
| Haze % | ≤7.0 | | 3 | | Passed |
| Co-efficiency Non-treated side/ Non-treated side | ≤0.6 | | 0.35 | | Passed |
| West Tension (Treated) mN/m | ≥50 / ≥46 | | 52 / 48 | | Passed |
| Oxygen Transmission Rate (cm ³ / m ² . d. pa) | ≤5. 0X10 ⁽⁻⁴⁾ | | 4.8X10 ⁽⁻⁴⁾ | | Passed |
| WVTR g/m ² /24h | 200≤, ≤400 | | ≤300 | | Passed |
| Thickness Deviation % | ±10 | | +2.8 -2.2 | | Passed |
| Ave. Thickness Deviation % | ±6 | | 1.2 | | Passed |
| Appearance | Good | | | | |
| Conclusion | Conformed to Grade A | | | | |