

# Pack3000

## Product Technical Specifications

|                           |          |                   |                     |
|---------------------------|----------|-------------------|---------------------|
| <b>Product Structure:</b> | PA/PE    | <b>Thickness:</b> | 60 Micron / 2.5 mil |
| <b>Brand:</b>             | OptiFlex |                   |                     |

### Physical Specification:

| Item                          | Unit   | Test Method | Typical Value | Test Result | Result |
|-------------------------------|--------|-------------|---------------|-------------|--------|
| Thickness Tolerance (Average) | Micron | ISO 4593    | +/-5          | 61          | Pass   |
| Thickness Tolerance (Limit)   | Micron | ISO 4593    | -             | 60 - 62     | Pass   |
| Width Tolerance               | mm     | ISO 4592    | 0 - 2         | 0           | Pass   |

### Technical Specification:

| Item                                     | Unit                   | Test Method | Typical Value | Test Result            | Result |
|--|------------------------|-------------|---------------|------------------------|--------|
| Tensile Strength (MD)                    | Mpa                    | ASTM D882   | >20           | 28.0                   | Pass   |
| Tensile Strength (TD)                    | Mpa                    | ASTM D882   | >18           | 24.0                   | Pass   |
| Elongation (MD)                          | %                      | ASTM D882   | >200          | 375.0                  | Pass   |
| Elongation (TD)                          | %                      | ASTM D882   | >200          | 365.0                  | Pass   |
| Seal Strength<br>140 °C, 1.0 Sec, 0.2mpa | N/15mm                 | ASTMF 2029  | >10           | 20                     | Pass   |
| Haze                                     | %                      | ASTM D1003  | <10           | 2.8                    | Pass   |
| C.O.F                                    | PE                     | ASTM D1894  | -             | US: 0.250<br>UK: 0.180 | Pass   |
| OTR                                      | cc/m <sup>2</sup> /day | GB/T 19789  | <150          | 61.5                   | Pass   |
| WVTR                                     | g/m <sup>2</sup> /day  | GB/T 26253  | <8            | 4.8                    | Pass   |
| Visual Check                             | Pass                   |             |               |                        |        |
| Test Conditions                          | 23°C / 50% RH          |             |               |                        |        |