



Clear stabilized film for tunnels

TECHNICAL PRODUCT INFORMATION

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| Product: | Clear stabilized film for tunnels |
| Catalog Number: | E1610 |
| Product description: | Multi-layer PE film. The film contains anti-fog additives to prevent dripping onto the plants and IR ingredients reduce heat "escape" at night. |
| UV Resistance: | 10-12 months |
| Thickness: | 80 μ |
| Width: | 1.0-14.0 m |
| Length: | According to customer order |

| Property | Test Method | Units | Value |
|--------------------------------|-------------------|--------|----------------|
| Tensile Strength at break [MD] | ASTM D-882 | MPa. | 18 |
| Tensile Strength at break [TD] | ASTM D-882 | MPa. | 18 |
| Elongation at break [MD] | ASTM D-882 | % | 500 |
| Elongation at break [TD] | ASTM D-882 | % | 500 |
| Tear resistance [MD] | ASTM D-1922 | Kg./mm | 7.0 |
| Tear resistance [TD] | ASTM D-1922 | Kg./mm | 10 |
| Falling Dart Impact | ASTM D-1709 | gr. | 500 |
| Total light transmission | Internal | % | 90 |
| Light diffusion | Internal | % | 25 |
| Thermicity | Internal (FTIR) | % | 85 |
| UV blocking | Internal | %/nm | 95/350 |
| Thickness average | Israeli Stnd. 821 | % | ±5% on nominal |
| Thickness tolerance | Israeli Stnd. 821 | % | ±15% |



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