

TECHNICAL PRODUCT INFORMATION

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| Product: | Clear UVA film |
| Catalog Number: | E1528 |
| Product description: | Clear multi-layer greenhouse cover. The film was designed to insure maximum PAR light transmission. |
| Durability: | 3 Years at 120KLy |
| Thickness: | 150 μ |
| Width: | 1.0-14.5 m |
| Length: | According to customer order |

Product properties

| Property | Test Method | Units | Value |
|-------------------------------|-------------------|--------|----------------------|
| Tensile Strength at break[MD] | ASTM D-882 | MPa. | 27 |
| Tensile Strength at break[TD] | ASTM D-882 | MPa. | 27 |
| Elongation at break [MD] | ASTM D-882 | % | 500 min |
| Elongation at break [TD] | ASTM D-882 | % | 500 min |
| Tear resistance[MD] | ASTM D-1922 | Kg./mm | 9.0 |
| Tear resistance[TD] | ASTM D-1922 | Kg./mm | 11.0 |
| Falling Dart Impact | ASTM D-1709 | gr. | 950 |
| Total light transmission | Internal | % | 89 |
| Light diffusion | Internal | % | 25 |
| Thermicity | Internal (FTIR) | % | NA |
| UV blocking | Internal | %/nm | NA |
| Thickness average | Israeli Stnd. 821 | % | $\pm 5\%$ on nominal |
| Thickness tolerance | Israeli Stnd. 821 | % | $\pm 15\%$ |