



新馬工業化工(馬)有限公司

**S M I C (M) SDN. BHD.** (72026-H)

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## S M I C : 0353

This yellow film with the UV stabilization for 3 years in the 120 - 140 KLY / year climate condition in thickness 200 Microns, The Vinyl Acetate content is 14.50% S M I C : 0353 with the maximum transparency over 85%, light transmission to improve the photosynthesis process. The improved mechanical characteristic is suitable for all type of climates. Thus, it is recommended for all kinds of crops growing using greenhouse system.

S M I C : 0353 is a combination of special additives which allow an optimum diffusion of sunlight in the greenhouse. The optimum diffusion of light in the greenhouse changes the composition of visible sunlight which accelerates their development.

### WARRANTY 3 YEARS:

Warranty will be applied if buyer complies with the general condition as specified by the company.

Physical Properties of S M I C : 0353

| Properties                |            | Test Method            | Unit | Measured Values |
|---------------------------|------------|------------------------|------|-----------------|
| Film Thickness            |            | -                      | mm   | 0.20            |
| VA Content                |            | MDP Method             | Wt % | 14.50           |
| Ultimate Tensile Strength | (MD)       | ASTM D882              | Mpa  | 27.2            |
|                           | (TD)       |                        |      | 22.4            |
| Ultimate Elongation       | (MD)       | ASTM D882              | %    | 912             |
|                           | (TD)       |                        |      | 906             |
| Elmendorf Tear            | (MD)       | ASTM D1922<br>Method B | N    | 11.9            |
|                           | (TD)       |                        |      | 24.3            |
| Film Haze                 |            | Dow Method             | %    | 67.4            |
| Film Surface Gloss @ 45   |            | ASTM D1003             | -    | 20              |
| Puncture                  | Strength   | Dow Method             | N    | 76              |
|                           | Elongation |                        | Mm   | 53              |
|                           | Energy     |                        | J    | 2.7             |

Note : The values given are for guidance only and do not constitute a specification