

## PRODUCT DATA SHEET

|          |                    |
|----------|--------------------|
| PRODUCER | PLASTIKA KRITIS SA |
| PRODUCT  | SUNMASTER IV WHITE |

|                                  |  |
|----------------------------------|--|
| DESCRIPTION                      | 3-layer, long life, white<br>greenhouse film |
| RESIN(S)                         | PE ,LLDPE                                    |
| NOMINAL THICKNESS (mil)          | 6,0  |
| AVERAGE THICKNESS TOLERANCE      | ± 5% on nominal thickness                    |
| THICKNESS TOLERANCE AT ANY POINT | ± 15%  |

| <b>MECHANICAL PROPERTIES</b>           | TYPICAL VALUES | VARIATION | TEST METHOD    |
|--|----------------|-----------|----------------|
| <b>TENSILE STRENGTH AT BREAK (MPa)</b> |                |           |                |
| -MACHINE DIRECTION                     | 22             | - 5%      | EN ISO 527-3   |
| -TRANSVERSE DIRECTION                  | 22             | - 5%      | EN ISO 527-3   |
| <b>ELONGATION AT BREAK (%)</b>         |                |           |                |
| -MACHINE DIRECTION                     | 450            | - 5%      | EN ISO 527-3   |
| -TRANSVERSE DIRECTION                  | 550            | - 5%      | EN ISO 527-3   |
| <b>DART DROP (gr)</b>                  | 400            | - 5%      | ISO 7765-1 (A) |

| <b>OPTICAL PROPERTIES</b>                | TYPICAL VALUES | TEST METHOD     |
|--|----------------|-----------------|
| Total light transmission (400-700 nm)(%) | ~ 45           | INTERNAL METHOD |
| Shade (400-700 nm) (%)                   | ~ 55           | INTERNAL METHOD |
| U.V.transmission (300-390 nm) (%)        | -              | INTERNAL METHOD |
| Infrared Transmission (7-13 μ) (%)       | n/a            | EN 13206 § 8.9  |

Version 110509



CERTIFIED QUALITY SYSTEM  
EAOT EN ISO 9001:2000/ISO 9001:2000  
No. 02.14.02/051.01

We hereby certify that the product consigned as per the above, meets the standard manufacturing specifications, according to the plans established by our Quality System based on ISO 9001:2000.

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