

## PRODUCT DATA SHEET

PRODUCER	PLASTIKA KRITIS SA
PRODUCT	SUNMASTER THERMAL

DESCRIPTION	3-layer, long-life, colorless, thermic, high diffusing, anti-dripping greenhouse film
RESIN(S)	PE, EVA
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	23	- 5%	EN ISO 527-3
-TRANSVERSE DIRECTION	23	- 5%	EN ISO 527-3
<b>ELONGATION AT BREAK (%)</b>			
-MACHINE DIRECTION	500	- 5%	EN ISO 527-3
-TRANSVERSE DIRECTION	600	- 5%	EN ISO 527-3
<b>DART DROP (gr)</b>	650	- 5%	ISO 7765-1 (A)

<b>OPTICAL PROPERTIES</b>	TYPICAL VALUES	TEST METHOD
Total light transmission (400-700 nm)(%)	~ 87	INTERNAL METHOD
Diffusion (400-700 nm) (%)	~ 58	INTERNAL METHOD
U.V.transmission (300-390 nm) (%)	n/a	INTERNAL METHOD
Infrared Transmission (7-13 μ) (%)	< 21	EN 13206 § 8.9

Version 260907



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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