

## PRODUCT DATA SHEET

PRODUCER	PLASTIKA KRITIS SA
PRODUCT	KRITIFIL TUV 3992 AD
DESCRIPTION	3-layer, long-life, thermic, anti-dripping high strength, high clarity greenhouse film
RESIN(S)	m-LLDPE, EVA, PE
NOMINAL THICKNESS (mic)	180
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	27	- 5%	EN ISO 527-3
-TRANSVERSE DIRECTION	29	- 5%	EN ISO 527-3
<b>ELONGATION AT BREAK (%)</b>			
-MACHINE DIRECTION	600	- 5%	EN ISO 527-3
-TRANSVERSE DIRECTION	680	- 5%	EN ISO 527-3
<b>IMPACT RESISTANCE (DART-DROP) (gr)*</b>	1500	- 5%	ISO 7765-1 (A)

<b>OPTICAL PROPERTIES **</b>	TYPICAL VALUES	VARIATION	TEST METHOD
<b>Total light transmission (400-700 nm)(%)</b>	~ 90-91		ASTM D 1003
<b>Diffusion (400-700 nm) (%)</b>	18	± 2%	ASTM D 1003
<b>U.V.transmission (300-390 nm) (%)</b>	n/a		INTERNAL METHOD
<b>Infrared Transmission (7-13 μ) (%)</b>	< 17		EN 13206 § 8.8

\*The value of dart-drop refers to typical measurements obtained during production on flat film (excl. fold).

It is provided for information purposes and does not constitute a specification or contractual obligation from our side.

\*\*Optical properties are measured after thoroughly removing any anti-drip additive from the film's surface.

Version 180327



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 9001:2008.

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### LIMIT OF LIABILITY

PLASTIKA KRITIS warrants that this product conforms to its specifications. Buyer is responsible to verify the suitability of the product for his particular use. The amount of any claim against PLASTIKA KRITIS and PLASTIKA KRITIS' liability relative to the product's properties or performance, shall in no event exceed the purchase value of the product. In no event shall PLASTIKA KRITIS be liable for loss of profit or special, indirect or consequential damages. Since the mechanism of action of the anti-dripping and anti-fogging effect as well as the reduction of insects and petal blackening are complicated and depend on many parameters that are out of our control (climatic conditions, greenhouse type, crop, pollination method etc.), no warranty is given regarding the duration or effectiveness of these functions and we do not undertake liability for any damage relevant to those functions.