

## PRODUCT DATA SHEET

PRODUCER	PLASTIKA KRITIS SA
PRODUCT	KRITIFIL UV 2497

DESCRIPTION	multi-layer, long-life, colorless, UV-open, high strength, medium diffusing, greenhouse film
RESIN(S)	m-LLDPE, EVA, LDPE
NOMINAL THICKNESS (mic)	140
AVERAGE THICKNESS TOLERANCE	± 5% on nominal thickness
THICKNESS TOLERANCE AT ANY POINT	± 15%
SULFUR/CHLORINE LIMITS (ppm)	300/80

<b>MECHANICAL PROPERTIES</b>	TYPICAL VALUES	VARIATION	TEST METHOD
<b>TENSILE STRENGTH AT BREAK (MPa)</b>			
-MACHINE DIRECTION	30	- 5%	EN ISO 527-3
-TRANSVERSE DIRECTION	30	- 5%	EN ISO 527-3
<b>ELONGATION AT BREAK (%)</b>			
-MACHINE DIRECTION	600	- 5%	EN ISO 527-3
-TRANSVERSE DIRECTION	650	- 5%	EN ISO 527-3

<b>OPTICAL PROPERTIES</b>	TYPICAL VALUES	VARIATION	TEST METHOD
<b>Total light transmission (400-700 nm)(%)</b>	>89		ASTM D 1003
<b>Diffusion (400-700 nm) (%)</b>	60	± 5%	ASTM D 1003
<b>UV transmission (300-390 nm) (%)</b>	>60		INTERNAL METHOD
<b>Infrared Transmission (7-13 μ) (%)</b>	n/a		EN 13206 § 8.8

Version 230315



*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 9001:2015.*

P.O Box 1093, 711 10 Iraklion Crete Greece  
Tel: +30 2810 308500 Fax: +30 2810 381328  
Email: rnd@plastikakritis.com

### LIMIT OF LIABILITY

PLASTIKA KRITIS warrants that this product conforms to its specifications. Buyer is responsible to verify the suitability of the product for the 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.