



Making Light Work for Growers

SunMaster DuraLight Diffused

PRODUCT DATA SHEET

PRODUCER	PLASTIKA KRITIS SA
PRODUCT	KRITIFIL UV 2495

DESCRIPTION	3-layer, long-life, colorless, high strength, medium diffusing greenhouse film
RESIN(S)	m-LLDPE, EVA
NOMINAL THICKNESS (mic)	140
AVERAGE THICKNESS TOLERANCE	± 5% on nominal thickness
THICKNESS TOLERANCE AT ANY POINT	± 15%

<i>MECHANICAL PROPERTIES</i>	TYPICAL VALUES	VARIATION	TEST METHOD
TENSILE STRENGTH AT BREAK (MPa)			
-MACHINE DIRECTION	30	- 5%	EN ISO 527-3
-TRANSVERSE DIRECTION	30	- 5%	EN ISO 527-3
ELONGATION AT BREAK (%)			
-MACHINE DIRECTION	600	- 5%	EN ISO 527-3
-TRANSVERSE DIRECTION	650	- 5%	EN ISO 527-3
IMPACT RESISTANCE (FLAT) (gr)	1200	- 5%	ISO 7765-1 (A)

<i>OPTICAL PROPERTIES</i>	TYPICAL VALUES	VARIATION	TEST METHOD
Total light transmission (400-700 nm)(%)	90-91		EN-2155-5
Diffusion (400-700 nm) (%)	45	± 5%	EN 2155-9
UV transmission (300-390 nm) (%)	UV-open		INTERNAL METHOD
Infrared Transmission (7-13 μ) (%)	n/a		EN 13206 § 8.9

Version 250613



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.