



TECHNICAL PRODUCT INFORMATION

Product:	Milky Stabilized PE film with 50-55% shadow
Catalog Number:	E1576
Product description:	Multi-layer white greenhouse cover with 50-55% shadow. The film contains special pigments that reduce the light transmission and heat at day.
Durability:	4 years in 140 KLy
Thickness:	150-200 μ
Width:	1.0-12.0 m
Length:	According to customer order

Product properties

Property	Test Method	Units	Value
Tensile Strength at break[MD]	ASTM D-882	MPa.	27
Tensile Strength at break[TD]	ASTM D-882	MPa.	27
Elongation at break [MD]	ASTM D-882	%	500 min
Elongation at break [TD]	ASTM D-882	%	500 in
Tear resistance[MD]	ASTM D-1922	Kg./mm	10.0
Tear resistance[TD]	ASTM D-1922	Kg./mm	10.0
Falling Dart Impact (200 microns)	ASTM D-1709	gr.	1200
Total light transmission	Internal	%	45
Light diffusion	Internal	%	70
Thermicity	Internal (FTIR)	%	50
UV blocking	Internal	%/nm	100/350
Thickness average	Israeli Stnd. 821	%	$\pm 5\%$ on nominal
Thickness tolerance	Israeli Stnd. 821	%	$\pm 15\%$

Remarks: Exposure to Sulfur or high amount of chlorine containing substance will reduce the film life time.