

## FILM UV IR EVA

PROPERTIES	VALUE	UNIT	NORM
Thickness	180	microns	ISO 4591
Aspect	Normal		EN 13206

### Mechanical Properties

#### Tensile Strength at Break

MD	23 (>16)	MPa	EN ISO 527-3
TD	22 (>16)	MPa	EN ISO 527-3

#### Elongation at Break

MD	720 (>400)	%	EN ISO 527-3
TD	790 (>400)	%	EN ISO 527-3

#### Tensile Strength at Yield

MD	11	MPa	EN ISO 527-3
TD	10	MPa	EN ISO 527-3

#### Creep MD

15	%	EN 13206
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#### Dart Test F 50

Side	800 (>350)	cN	ISO 7765-1
Fold	400 (>220)	cN	ISO 7765-1

### Optical Properties

Total Transmission of Visible Light	92	%	EN 2155-5
Diffusion	57	%	EN 2155-9
Thermal Effect	86	%	EN 13206

### Other Properties

Lifetime (*)	3	Years
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#### Additional Properties

(\*) At a climate of: 150 kLys/year (for different radiation conditions or different thickness, we should be consulted).