

FILM UV IR EVA AD AM

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	91	%	EN 2155-5
Diffusion	58	%	EN 2155-9
Thermal Effect	86	%	EN 13206

Other Properties

Lifetime (*) 3 Years

Additional Properties AD

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