

## Evonik Corporation Europlex® 99506 Polycarbonate Based Film

Category : Polymer , Film , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Extruded

**Material Notes:**

Description: EUROPLEX® Film 99506, based on polycarbonate, is absolutely crystal-clear. The film shows extremely low birefringence, a high heat deflection temperature under load, is very stable and has high impact strength. Specific Notes for this Material: With its optical isotropy and high purity, EUROPLEX® Film 99506 is predestined for manufacturing cover films offering protection against scratches on optical discs such as DVDs and game CDs. Moreover, this innovative film is suitable for use as a substrate material for data-storage layers, enabling the manufacture of ultra slim optical discs. Information provided by degussa.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Evonik-Corporation-Europlex-99506-Polycarbonate-Based-Film.php](http://www.lookpolymers.com/polymer_Evonik-Corporation-Europlex-99506-Polycarbonate-Based-Film.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	61.0 MPa	8850 psi	no direction given; ISO 527
Film Elongation at Break, MD	35 %	35 %	no direction given; ISO 527
Tensile Modulus	1.79 GPa	260 ksi	ISO 527

Thermal Properties	Metric	English	Comments
Vicat Softening Point	145 °C	293 °F	ISO 306

Optical Properties	Metric	English	Comments
Haze	0.50 %	0.50 %	ASTM D1003
Yellow Index	0.60 %	0.60 %	ASTM D1925
Transmission, Visible	92 %	92 %	DIN 5036

Descriptive Properties	Value	Comments
Birefringence	25	
Pencil Hardness	HB	ASTM D3363

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**