

# EVA

## E180L

### EVA for transparent film

#### Application

Film, General film, Eco-friendly sheet

#### Characteristics

Low Fisheye, Transparency, Excellent processability

#### Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238 (190°C, 2.16kg )	g/10min	2
Density	ASTM D1505	g/cm <sup>3</sup>	0.940
VA content	HTC Method	%	18
Melt temperature	HTC Method	°C	86
Tensile strength(at break)	ASTM D638	kg/cm <sup>2</sup>	260
Elongation (at break)	ASTM D638	%	750
Shore hardness	ASTM D2240	D Scale	38
Vicat softening point	ASTM D1525	°C	64
Brittleness temperature	ASTM D746	°C	<-70

Note) Data shown above are representative values for reference purposes only, and not to be construed as specifications.

#### Film properties

Item	Test Method	Unit	Typical value
Thickness	-	μm	50
Tensile strength at break (MD)	ASTM D882	kg/cm <sup>2</sup>	235
Tensile strength at break (TD)	ASTM D882	kg/cm <sup>2</sup>	230
Elongation at break (MD)	ASTM D882	%	200
Elongation at break (TD)	ASTM D882	%	750
Haze	ASTM D1003	%	2
Gloss (45°)	ASTM D2457	%	75
Dart drop impact strength	ASTM D1709	g	330

Note) The Data is not a standard value as a representative value of the guide data measured using the film molded by our company (cast equipment, processing temperature of 180°C).

## Certification

Hanwha TotalEnergies Petrochemical are limitations in applying Hanwha TotalEnergies E180L for food packaging purposes.

For further inquiries, please contact Customer Technical Service.

## Contact information

Hanwha TotalEnergies Petrochemical co. Ltd.  
[www.htpchem.com](http://www.htpchem.com)

Sales Office  
04525 No.92, Sejong-daero, Jung-gu, 16,18-20F, Hanwha  
Finance Plaza, Seoul, Republic of Korea  
16th floor of Hanwha Financial Plaza

Customer Technical Service  
31900 103, Dokgot 2-ro, Daesan-eup, Seosan-si,  
Chungcheongnam-do, Republic of Korea  
T. 041-660-6190 F. 041-660-6189

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