

# EVA

## E181L

### EVA for extrusion coating

#### Application

Coating, BOPP coating

#### Characteristics

Excellent transparency, High speed processability, Neck-in, Adhesive

#### Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238 (190°C, 2.16kg )	g/10min	25
Density	ASTM D1505	g/cm <sup>3</sup>	0.940
VA content	HTC Method	%	18
Melt temperature	HTC Method	°C	83
Tensile strength (at break)	ASTM D638	kg/cm <sup>2</sup>	125
Elongation (at break)	ASTM D638	%	>600
Vicat softening point	ASTM D1525	°C	56
Brittleness temperature	ASTM D746	°C	<-70

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

#### Processing conditions

Item	Unit	Typical value
Hopper unit	°C	Room temp.
Barrel temperature	°C	130 ~ 240
Extrusion temperature	°C	220 ~ 240
Temperature of Die unit	°C	230 ~ 240

※ Optimal extrusion molding conditions may vary depending on facility specifications such as screw type, die structure, and extrusion amount, and please use the above figures as reference.

#### Certification

There are limitations in applying Hanwha TotalEnergies E181L for food packaging purposes. For further inquiries, please contact Customer Technical Service.

## Contact information

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