

EVA

E180L

To enquire, Visit: www.jitsy.in

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 ³	0.940
VA content	HTC Method	%	18
Melt temperature	HTC Method	°C	86
Tensile strength (at break)	ASTM D638	kg/cm ²	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 ²	235
Tensile strength at break (TD)	ASTM D882	kg/cm ²	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 E180L satisfies the 21 CFR 177.1350 regulations, the food packaging standards of the U.S. Food and Drug Administration(FDA). For further

To enquire, Visit: www.jitsy.in inquiries, please contact Customer Technical Service.

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