EVA

EVA for extrusion coating

E182L

Application

Coating, BOPP coating

Characteristics

Excellent transparency, Excellent extrusion processability and productivity, Neck-in, Adhesive

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238 (190℃,2.16kg)	g/10min	15
Density	ASTM D1505	g/㎤	0.940
VA content	HTC Method	%	18
Melt temperature	HTC Method	℃	83
Tensile strength(at break)	ASTM D638	kg/㎠	130
Elongation (at break)	ASTM D638	%	>600
Vicat softening point	ASTM D1525	℃	56
Brittleness temperature	ASTM D746	℃	<-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	℃	Room Tepm.
Barrel temperature	℃	130 ~ 240
Extrusion temperature	℃	220 ~ 240
Temperature of Die unit	℃	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

Hanwha TotalEnergies Petrochemical are limitations in applying Hanwha TotalEnergies E182L for food packaging purposes.
For further inquiries, please contact Customer Technical Service.

Contact information

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