

EVA

E155L

EVA for extrusion coating

Application

Coating, PET coating

Characteristics

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

Physical properties

| Item | Test Method | Unit | Typical Value |
|----------------------------|-------------|--------------------|---------------|
| Melt index | ASTM D1238 | g/10min | 11 |
| Density | ASTM D1505 | g/cm ³ | 0.938 |
| VA content | HTC Method | % | 15 |
| Melt temperature | HTC Method | °C | 87 |
| Tensile strength(at break) | ASTM D638 | kg/cm ² | 130 |
| Elongation (at break) | ASTM D638 | % | >600 |
| Vicat softening point | ASTM D1525 | °C | 57 |
| 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

Hanwha TotalEnergies Petrochemical are limitations in applying Hanwha TotalEnergies E155L for food packaging purposes.

For further inquiries, please contact Customer Technical Service.

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