

Orevac® 18910

Polyethylene

Arkema

Message:

OREVAC® 18910 is a maleic anhydride modified linear low-density polyethylene available in pellet form. It can be processed on most extrusion equipments designed to process conventional polyolefins.

Applications

OREVAC® 18910 has been designed to develop a reliable bonding strength between PS, PE, EVOH and PA in coextruded multi-layer structures like films or sheets.

| General Information | |
|---------------------|---------------|
| Features | Copolymer |
| | Good Adhesion |
| Uses | Adhesives |
| | Film |
| | Sheet |
| | Tie-Layer |
| Forms | Pellets |
| Processing Method | Coextrusion |
| | Extrusion |

| Physical | Nominal Value | Unit | Test Method |
|---|------------------|-------------------|------------------------------------|
| Density | 0.950 | g/cm ³ | ISO 1183, ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 1.5 | g/10 min | ASTM D1238, ISO 1133 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 77.0 | °C | ISO 306/A, ASTM D1525 ¹ |
| Melting Temperature | 117 | °C | ISO 11357-3 |
| Extrusion | Nominal Value | Unit | |
| Cylinder Zone 1 Temp. | 190 to 200 | °C | |
| Cylinder Zone 2 Temp. | 200 | °C | |
| Cylinder Zone 3 Temp. | 200 to 210 | °C | |
| Cylinder Zone 4 Temp. | 210 to 220 | °C | |
| Cylinder Zone 5 Temp. | 220 to 230 | °C | |
| Melt Temperature | < 250 | °C | |
| Die Temperature | 220 to 240 | °C | |
| NOTE | | | |
| 1. | Loading 1 (10 N) | | |

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