

# OREVAC<sup>®</sup> 18910



## Linear low-density tie resin for film or sheet coextrusion

### Description

OREVAC<sup>®</sup> 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<sup>®</sup> 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.

For more detailed information and recommendations regarding your specific application, please contact your local ARKEMA technical representative.

### Typical properties

Characteristics	Value	Unit	Test Method
Melt index (190°C / 2.16 kg)	1	g/10min	ISO 1133 / ASTM D1238
Melting point	117	°C	ISO 11357-3
Density	0.950	g/cm <sup>3</sup>	ISO 1183 / ASTM D1505
Vicat softening temperature (10N) <sup>(1)</sup>	77	°C	ISO 306 / ASTM D1525

<sup>(1)</sup> On compression molded samples.

### Processing

OREVAC<sup>®</sup> 18910 is to be processed like a standard polyethylene resin.

Extrusion temperature settings could be:

Zone 1	Zone 2	Zone 3	Zone 4	Exit	Fittings-Channels	Die
190 – 200°C	200 – 200°C	200 – 210°C	210 – 220°C	220 – 230°C	220 – 240°C	220 – 240°C

Final profile and settings depend on the line and the multi-layer structure being run.

We recommend not to reach melt temperature above 250°C. Too high processing temperature could lead to degradation of OREVAC<sup>®</sup>.

### Storage, handling and safety

OREVAC<sup>®</sup> 18910 should be stored in dry conditions protected from UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.