

# 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.

### TYPICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Melt Index (190°C / 2.16 kg)	1.5	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.

### 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.

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## 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.

Safety data sheet as well as information on handling and storage of OREVAC<sup>®</sup> 18910 is available upon request to your ARKEMA representative or on the web site [orevac.com](http://orevac.com).

## SHELF LIFE

Two years from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

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