

# OREVAC<sup>®</sup> 18910

## Maleic anhydride modified copolymer

### Description

OREVAC<sup>®</sup> 18910 is anhydride modified copolymer based on styrenic and ethylenic copolymers. It is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyolefin resins.

### Main application

OREVAC<sup>®</sup> 18910 is typically used as adhesive to bond PS, PE, EVOH and PA in coextruded multilayer structures like films or sheets.

### Main characteristics

Characteristics	Value	Unit	Test Method
Melt flow index (190°C – 2.16kg)	1	g/10min	ISO 1133 / ASTM D 1238
Density at 23°C	0.950	g/cm <sup>3</sup>	ISO 1183 / ASTM D 1505
Melting Temperature	117	°C	ARKEMA (DSC)
Vicat	77	°C	ISO 306

### Processing

OREVAC<sup>®</sup> OE 18910 can be processed over a wide range of conditions. It is stable in this range, but a melt temperature of 250°C should not be exceeded.

Suggested extruder temperature profile, from the feeding area to the die :

200 – 210 – 220 – 230 – 230 – 230 °C

### Storage

OREVAC<sup>®</sup> 18910 has to be stocked in dry conditions below 50°C and protected from UV rays. Improper storage conditions can cause degradation and have consequences on physical properties of the product.

### Precautions of use

A safety data sheet as well as information on handling and storage of the OREVAC<sup>®</sup> 18910 are available near your correspondent ARKEMA or on the site [www.arkema.com](http://www.arkema.com).

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Technical Polymers Division  
4/8, cours Michelet – La Défense 10  
92800 Puteaux - France  
[www.arkema.com](http://www.arkema.com)

[www.orevac.com](http://www.orevac.com)