

# OREVAC<sup>®</sup> 18729

OREVAC<sup>®</sup> 18729 is a maleic anhydride grafted polypropylene.

- OREVAC<sup>®</sup> 18729 has been designed to develop a reliable bonding strength between polypropylene or propylene copolymers and many kinds of different materials among which polyamides and EVOH.
- OREVAC<sup>®</sup> 18729 is recommended for sheet calendaring and blow moulding coextrusion.

## Typical Properties

	Test Method	Unit	Typical Value
Melt Index (230°C/2.16kg)	ISO 1133	g/10min.	4.5
Grafted MAH content	Internal	%	< 0.2
Melting Point	ISO 11357	°C	162
Density	ISO 1183 / ASTM D792	g/cm <sup>3</sup>	0.9
Vicat Softening Temperature (10N) <sup>1</sup>	ISO 306	°C	137

<sup>1</sup>: On compression molded samples.

## Processing

OREVAC® 18729 is not corrosive and is readily processed with standard polyolefin equipment. Conditions typically used in extrusion of polypropylene resins are suitable. Typical extrusion temperature settings could be:

<b>Zone 1</b>	<b>Zone 2</b>	<b>Zone 3</b>	<b>Zone 4</b>	<b>Fittings-Channels</b>	<b>Die</b>
210-220°C	220-230°C	230°C	230°C	240°C	240°C

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

## Storage, Handling & Safety

OREVAC® 18729 should be stored in a ventilated area, away from heat, humidity and direct sunlight. Improper storage conditions may cause degradation and could have consequences on physical properties of the product.

Safety data sheet as well as information on handling and storage of the OREVAC® 18729 are available upon request to your SK Functional Polymer representative or at [www.sk-fp.com](http://www.sk-fp.com).

## Shelf Life

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