

OREVAC[®] 18730

OREVAC[®] 18730 is a maleic anhydride modified polypropylene.

- OREVAC[®] 18730 is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyolefin.
- OREVAC[®] 18730 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[®] 18730 is recommended for sheet calendering and blow molding coextrusion.

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

Typical Properties

	Test Method	Unit	Typical Value
Melt Index (230°C/2.16kg)	ISO 1133	g/10min.	3.0
Grafted MAH content	Internal	%	< 0.2
Melting Point	ISO 11357	°C	162
Density	ISO 1183 / ASTM D792	g/cm ³	0.90
Vicat Softening Temperature (10N) ¹	ISO 306	°C	137

¹: On compression molded samples.

Processing

OREVAC® 18730 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:

Zone 1	Zone 2	Zone 3	Zone 4	Fittings-Channels	Die
210-220°C	220-230°C	230°C	230°C	220-230°C	240°C

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

Storage, Handling & Safety

OREVAC® 18730 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® 18730 are available upon request to your SK Functional Polymer representative or at 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.