

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 / ASTM D1238	g/10min.	3.0
Melting Point	ISO 11357-3	°C	162
Density	ISO 1183 / ASTM D1505	g/cm ³	0.90
Vicat Softening Temperature (10N) ¹	ISO 306 / ASTM D1525	°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 dry conditions protected from UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

