

OREVAC[®] 18729

OREVAC[®] 18729 is a maleic anhydride grafted polypropylene.

- OREVAC[®] 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[®] 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 / ASTM D1238	g/10min.	4.5
Melting Point	ISO 11357-3	°C	162
Density	ISO 1183 / ASTM D1505	g/cm ³	0.9
Vicat Softening Temperature (10N) ¹	ISO 306 / ASTM D1525	°C	137

¹: 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:

Zone 1	Zone 2	Zone 3	Zone 4	Fittings-Channels	Die
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 dry conditions protected from UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

