

OREVAC[®] 18300

OREVAC[®] 18300 is a maleic anhydride grafted linear low-density polyethylene.

- OREVAC[®] 18300 has been designed to develop a reliable bonding strength in coextrusion processes between polyethylene or ethylene copolymers and different materials among which polyamides and EVOH.
- OREVAC[®] 18300 is recommended for cast or blown film coextrusion.

Typical Properties

	Test Method	Unit	Typical Value
Melt Index (190°C/2.16kg)	ISO 1133 / ASTM D1238	g/10min.	2.3
Melting Point	ISO 11357-3	°C	120
Vicat Softening Temperature (10N) ¹	ISO 306 / ASTM D1525	°C	85
Density	ISO 1183 / ASTM D1505	g/cm ³	0.91

¹: On compression molded samples.



Processing

OREVAC® 18300 is to be processed like a standard polyethylene resin. Typical extrusion temperature settings could be:

Zone 1	Zone 2	Zone 3	Zone 4	Exit	Fittings-Channels	Die
190-120°C	200°C	200-210°C	210-220°C	220-230°C	220-240°C	220-240°C

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

Storage, Handling & Safety

OREVAC® 18300 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.

