

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	g/10min.	2.3
Grafted MAH content	Internal	%	[0.2 – 0.6]
Melting Point	ISO 11357	°C	120
Vicat Softening Temperature (10N) ¹	ISO 306	°C	85
Density	ISO 1183 / ASTM D792	g/cm ³	0.91

¹: On compression molded samples.

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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 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® 18300 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.

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