

OREVAC[®] 18362

OREVAC[®] 18362 is a maleic anhydride grafted linear low-density polyethylene.

- OREVAC[®] 18362 has been designed to develop a reliable bonding between polyethylene or most ethylene copolymers and many kinds of different materials among which polyamides and EVOH.
- OREVAC[®] 18362 can be processed within different extrusion and coextrusion technologies including blown film, blow moulding and tube coextrusion.
- OREVAC[®] 18362 can be used for multilayer films in applications requiring low haze and high transparency.

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	123
Vicat Softening Temperature (10N) ¹	ISO 306	°C	95
Density	ISO 1183 / ASTM D792	g/cm ³	0.92

¹: On compression molded samples.

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Processing

OREVAC® 18362 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
160-180°C	180-200°C	200-220°C	210-230°C	220-230°C	220-230°C	220-240°C

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

Storage, Handling & Safety

OREVAC® 18362 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® 18362 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.