

# OREVAC<sup>®</sup> 18334

OREVAC<sup>®</sup> 18334 is a maleic anhydride grafted linear low-density polyethylene.

- OREVAC<sup>®</sup> 18334 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<sup>®</sup> 18334 is recommended for blow moulding or tube coextrusion and can also be used as the adhesive in three layers pipe coating application.

## Typical Properties

	Test Method	Unit	Typical Value
Melt Index (190°C/2.16kg)	ISO 1133 / ASTM D1238	g/10min.	1
Melting Point	ISO 11357-3	°C	125
Vicat Softening Temperature (10N) <sup>1</sup>	ISO 306 / ASTM D1525	°C	101
Density	ISO 1183 / ASTM D1505	g/cm <sup>3</sup>	0.92
Tensile strength at yield <sup>1</sup>	ISO 527-2 / ASTM D638	MPa	9.5
Elongation at break <sup>1</sup>	ISO 527-2 / ASTM D638	%	700
Tensile strength at break <sup>1</sup>	ISO 527-2 / ASTM D638	MPa	28

<sup>1</sup>: On compression molded samples.



## Processing

OREVAC® 18334 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® 18334 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.

