

# OREVAC<sup>®</sup> 18732

OREVAC<sup>®</sup> 18732 is a maleic anhydride grafted polypropylene.

- OREVAC<sup>®</sup> 18732 is mainly used in applications where mechanical and adhesive performances at high temperatures are required.
- OREVAC<sup>®</sup> 18732 is used as tie layer in 3 layers polypropylene coatings (epoxy primer / adhesive / polypropylene) for external protection of steel pipe.

## Typical Properties

	Test Method	Unit	Typical Value
Melt Index (230°C/2.16kg)	ISO 1133 / ASTM D1238	g/10min.	8
Melting Point	ISO 11357-3	°C	134
Density	ISO 1183 / ASTM D1505	g/cm <sup>3</sup>	0.9
Vicat Softening Temperature (10N) <sup>1</sup>	ISO 306 / ASTM D1525	°C	111
Tensile strength at break <sup>1</sup>	ISO 527-2 / ASTM D638	MPa	20
Elongation at break <sup>1</sup>	ISO 527-2 / ASTM D638	%	500

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



## Processing

OREVAC® 18732 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	Exit	Fittings-Channels	Die
160-180°C	180-200°C	200-220°C	210-230°C	215-230°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® 18732 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.

