

Maleic Anhydride modified Polypropylene

Description

OREVAC 18720 is a maleic anhydride modified PP based resin. It is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyolefins.

Applications

OREVAC 18720 is an adhesive to be used in coextrusion technologies. As adhesive, **OREVAC 18720** has been designed to develop adhesion in coextrusion between PP and EVOH or PP and PA .

Typical characteristics

Characteristics	Value	Unit	Test Method
Melt index (230°C / 2,16 kg)	4,5	g/10mn	ISO 1133
Melting point	165	°C	DSC (internal)
Vicat	148	°C	ISO 306
Density	0.900	g/cm3	ISO 1183

Processing

OREVAC 18720 is readily processed with standard polyolefin equipment. Conditions typically used in coextrusion with PP and EVOH for the production of cast film :

A standard temperature setting profile would be :

Extruder 210 – 220 – 230 – 230 – 230 °C

Adapter pipe 230°C

Feed-block 240°C

Die 240°C

Final profile and settings depend on the line and the multilayer structure being run.

Storage and handling

OREVAC 18720 should be stored in dry conditions at temperature below 50°C and protected from UV-light. Improper storage conditions can cause degradation and have consequences on physical properties of the product.

Safety

Safety data sheet as well as information on handling and storage of **OREVAC 18720** are available upon request to your ARKEMA representative or at www.arkema.com under heading FDS.

June 2007

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