

OREVAC[®] 18365

Maleic anhydride modified Polyethylene

Description

OREVAC[®] 18365 is **anhydride modified polyethylene**. It is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene (PE) resins.

Main application

OREVAC[®] 18365 provides outstanding adhesion to PE and PA. It is typically used as tie-layer in multilayer structures. It is mainly used in flexible packaging for the production of multilayer barrier films.

Main characteristics

Characteristics	Value	Unit	Test Method
Melt flow index (190 °C – 2.16kg)	2.5	g/10min	ISO 1133 / ASTM D 1238
Density at 23 °C	0.916	kg/m ³	ISO 1183 / ASTM D 1505
Melting Temperature	120	°C	ARKEMA (DSC)
Vicat	90	°C	ISO 306

Processing

OREVAC® 18365 can be processed over a wide range of conditions.

We suggest using standard Polyolefin working screw.

Conditions typically used in coextrusion with PE and PA for the production of blown or 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

OREVAC® 18365 has to be stocked in dry conditions below 50 °C and protected from UV rays. Improper storage conditions can cause degradation and have consequences on physical properties of the product.

Precautions of use

A safety data sheet as well as information on handling and storage of the **OREVAC® 18365** are available near your correspondent ARKEMA or on the site www.arkemagroup.com .

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