OREVAC® 18910

Maleic anhydride modified copolymer

Description

OREVAC® 18910 is anhydride modified copolymer based on styrenic and ethylenic copolymers. It is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyolefin resins.

Main application

OREVAC® 18910 is typically used as adhesive to bond PS, PE, EVOH and PA in coextruded multilayer structures like films or sheets.

Main characteristics

Characteristics	Value	Unit	Test Method
Melt flow index (190°C – 2.16kg)	1	g/10min	ISO 1133 / ASTM D 1238
Density at 23°C	0.950	g/cm3	ISO 1183 / ASTM D 1505
Melting Temperature	117	°C	ARKEMA (DSC)
Vicat	77	°C	ISO 306

Processing

OREVAC® OE 18910 can be processed over a wide range of conditions. It is stable in this range, but a melt temperature of 250°C should not be exceeded.
Suggested extruder temperature profile, from the feeding area to the die :
200 – 210 – 220 – 230 – 230 – 230 °C

Storage

OREVAC® 18910 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® 18910 are available near your correspondent ARKEMA or on the site www.arkema.com .

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