

OREVAC[®] 18302N

Maleic anhydride modified Linear Low Density Polyethylene

Description

OREVAC[®] 18302N 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[®] 18302N provides outstanding adhesion to PE, PA, EVOH. It is typically used as tie-layer in multilayer structures. It is used to bond **PE** and **EVOH** or **PA** in flexible packaging.

Main characteristics

Characteristics	Value	Unit	Test Method
Melt flow index (190°C – 2.16kg)	1.2	g/10min	ISO 1133 / ASTM D 1238
Density at 23°C	0.912	kg/m ³	ISO 1183 / ASTM D 1505
Melting Temperature	123	°C	ARKEMA (DSC)
Vicat	84	°C	ISO 306
Tensile strength at yield	7	MPa	ISO 527-2 :93-1BA
Tensile strength at break	20	MPa	ISO 527-2 :93-1BA
Elongation at break	790	%	ISO 527-2 :93-1BA

Processing

OREVAC® 18302N can be processed over a wide range of conditions. We suggest using standard Polyolefin working screw.

Storage

OREVAC® 18302N 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® 18302N** are available near your correspondent ARKEMA or on the site www.arkemagroup.com.

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