OREVAC® 18362

Linear low-density polyethylene based tie resin for multi-layer extrusion

DESCRIPTION

OREVAC® 18362 is a maleic anhydride modified linear low-density polyethylene available in pellet form. It can be processed on most extrusion equipment designed to process conventional polyolefin.

PROPERTIES

Characteristics	Typical Value	Unit	Test Method
Melt Index (190°C / 2.16 kg)	2.3	g/10min	ISO 1133 / ASTM D1238
Melting point	123	°C	ISO 11357-3
Density	0.918	g/cm³	ISO 1183 / ASTM D1505
Vicat softening temperature (10N) (1)	95	°C	ISO 306 / ASTM D1525

(1) On compression molded samples.

APPLICATIONS

OREVAC® 18362 has been designed to develop a reliable bonding strength between polyethylene or most ethylene copolymers and many kinds of different materials among which polyamides and EVOH.

OREVAC® 18362 can be processed within different extrusion and coextrusion technologies including blown film, blow moulding and tube coextrusion.

OREVAC® 18362 can be used for multilayer films in applications requiring low haze and high transparency.

For more detailed information and recommendations regarding your specific application, please contact your local ARKEMA technical representative.

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OREVAC® 18362

PROCESSING

OREVAC® 18362 is to be processed like a standard polyethylene resin. 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	220 - 230°C	220 - 230°C	220 - 240°C

Final profile and settings depend on the line and the multi-layer structure being run.

STORAGE, HANDLING AND SAFETY

OREVAC® 18362 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.

Safety data sheet as well as information on handling and storage of **OREVAC® 18362** is available upon request to your ARKEMA representative or on the web site orevac.com.

SHELF LIFE

Two years from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

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