+135-3858-6433 (GuangDong)
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OREVAC® 18370

Linear low-density tie resin for cast film coextrusion

DESCRIPTION

OREVAC® 18370 is a maleic anhydride modified linear low-density polyethylene available in pellet form. It can be processed on most extrusion equipments designed to process conventional polyolefins.

TYPICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Melt Index (190°C / 2.16 kg)	2	g/10min	ISO 1133 / ASTM D1238
Melting point	119	°C	ISO 11357-3
Density	0.910	g/cm³	ISO 1183 / ASTM D1505
Vicat softening temperature (10N) (1)	83	°C	ISO 306 / ASTM D1525

(1) On compression molded samples.

APPLICATIONS

OREVAC® 18370 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® 18370 is recommended for cast film coextrusion.

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PROCESSING

OREVAC® 18370 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 - 240°C	230 - 250°C	230 - 250°C

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

STORAGE, HANDLING AND SAFETY

OREVAC® 18370 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.

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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