OREVAC® OE850

Polyethylene-based tie resin for extrusion coating and lamination

DESCRIPTION

OREVAC® OE850 is a maleic anhydride modified polyethylene adhesive resin. It is available in pellet form for use in conventional extrusion and coextrusion equipments designed to process polyethylene (PE) resins.

TYPICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Melt Index (190°C / 2.16 kg)	7.5	g/10min	ISO 1133 / ASTM D1238
Melting point	104	°C	ISO 11357-3
Density	0.915	g/cm³	ISO 1183 / ASTM D1505
Vicat softening temperature (10N) (1)	89	°C	ISO 306 / ASTM D1525

(1) On compression molded samples.

APPLICATIONS

OREVAC® OE850 is a versatile adhesive for extrusion coating or lamination, specifically designed to be used as concentrate in dry blend with LDPE.

OREVAC® OE850 improves adhesion of LDPE on aluminum foils, metallized or primerized films. It is typically used at 20-40% in LDPE designed for extrusion coating.

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

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OREVAC® OE850

PROCESSING

OREVAC® OE850 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
180 - 210°C	220-240°C	220-240°C	260 - 280°C	290 - 320°C	290 - 320°C	290 - 320°C

STORAGE, HANDLING AND SAFETY

OREVAC® OE850 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® OE850** 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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