

OREVAC[®] OE850

OREVAC[®] OE850 is a maleic anhydride grafted low-density polyethylene.

- 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 primer-treated films. It is typically used at 20-40% in LDPE designed for extrusion coating.

Typical Properties

	Test Method	Unit	Typical Value
Melt Index (190°C/2.16kg) ¹	ISO 1133	g/10min.	7.5
Grafted MAH content	Internal	%	[0.6 – 1.0]
Melting Point	ISO 11357	°C	104
Density	ISO 1183 / ASTM D792	g/cm ³	0.91
Vicat softening temperature (10N) ²	ISO 306	°C	89

¹: As measured at the time of production

²: On compression molded samples.

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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	220-230°C	290-320°C

Storage, Handling & Safety

OREVAC® OE850 should be stored in a ventilated area, away from heat, humidity and direct sunlight. Improper storage conditions may cause degradation and could have consequences on physical properties of the product.

Safety data sheet as well as information on handling and storage of the OREVAC® OE850 are available upon request to your SK Functional Polymer representative or at www.sk-fp.com.

Shelf Life

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