

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 aluminium foils, metallized or primerized 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)	ISO 1133 / ASTM D1238	g/10min.	7.5
Melting Point	ISO 11357-3	°C	104
Density	ISO 1183 / ASTM D1505	g/cm ³	0.91
Vicat softening temperature (10N) ¹	ISO 306 / ASTM D1525	°C	89

¹: On compression molded samples.



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 dry conditions protected from UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

