Technical Data Sheet Date
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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.

Safety data sheet as well as information on handling and storage of the OREVAC® OE850 is available upon request to your SK Functional Polymer representative.

Shelf Life

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