

OREVAC[®] OE825

OREVAC[®] OE825 is a maleic anhydride grafted linear low-density polyethylene.

- OREVAC[®] OE825 has been designed to develop a reliable bonding strength in coextrusion processes between polyethylene or ethylene copolymers and different materials among which polyamides and EVOH.
- Containing a higher amount of grafted reactive functionalities compared to standard LLDPE based coextrusion tie resins, OREVAC[®] OE825 can be used pure or blended with other polyolefins.
- It can be processed within different coextrusion technologies including cast film, blown film, sheet calendaring, blow molding or tube.

Typical Properties

	Test Method	Unit	Typical Value
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	3
Grafted MAH content	Internal	%	[0.6 -1.0]
Melting Point	ISO 11357	°C	118
Density	ISO 1183 / ASTM D792	g/cm ³	0.91
Vicat softening temperature (10N) ¹	ISO 306	°C	100

¹: On compression molded samples.

Processing

OREVAC® OE825 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	220-230°C	220-230°C	220-240°C

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

Storage, Handling & Safety

OREVAC® OE825 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® OE825 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.