

OREVAC® 18300 Tie Resin

High Demanding Multilayer Barrier Packaging

SK Functional Polymer presents its high performing **OREVAC® 18300** grade specifically designed for high demanding multilayer barrier packaging. Thanks to its optimized PE resin composition and to its high maleic anhydride content, **OREVAC® 18300** resin shows outstanding adhesive performances.

With **OREVAC® 18300**, SK Functional Polymer offers its customers, a broad and diversified range of tie resin solutions that cover a large spectrum of applications in the flexible food-packaging domain. **OREVAC®18300** is widely used in flexible lidding film with anti-fog properties. It prevents internal packaging cohesion loss related to anti-fog migration at the interface of tie resin and EVOH.

OREVAC® 18300 is also an effective tie resin to manufacture regular synthetic sausage casing based on both PA and PE and co-extruded on triple bubble blown line. **OREVAC® 18300** is also the appropriate tie resin solution to produce shrinkable bags to pack meat and cheese.



Thanks to **OREVAC®18300**, SK Functional Polymer meets circular economy challenges. Due to its outstanding adhesive performances, it contributes to the thickness reduction of multilayer flexible packaging. With its fine-tuned MAH content, **OREVAC®18300** fosters the development of mono-material based film. It allows a better compatibilisation of the EVOH material with PE resins over the recycling process.

OREVAC® 18300 is extrudable on triple bubble line. It is also easily convertible through other conventional extrusion processes like blown and cast co-extrusion.

Grade	MFI (190°C-2.16kg, g/10 min)	Vicat T (10N)* (°C)	Melting T (°C)	Density
18300	2.3	85	120	0.916

*on compression molded sample