

## OREVAC® 18730 & EVASIN® EV3251FT Oxygen Barrier Rigid Packaging

SK Functional Polymer expands its portfolio with the launch of two brand new products specifically designed for the gas barrier rigid packaging applications and completes its tie and barrier layers product range for both rigid and flexible multilayer packaging markets.

With **OREVAC® 18730** and **EVASIN® EV3251FT**, SK Functional Polymer offers rigid packaging customers a one-stop solution for barrier bottles, trays, and tubes. Both materials can be advantageously combined and processed together through sheet and blow molding co-extrusion. While **OREVAC® 18730** confers internal packaging cohesion by developing an effective adhesion against PA and EVOH, **EVASIN® EV3251FT** imparts gas barrier properties thanks to its low ethylene content within its composition (32%).

Nowadays, food safety is a major concern for consumers. Indeed, packaging has to protect packed food against both external chemical and mechanical aggressions. Packaging has also to be inert with regard to the packed food and protects against microorganism. **OREVAC® 18730** is a phthalate free PP tie layer specifically designed to meet the specific demand of food packaging for sheet and blow molding co-extrusions processes. **OREVAC® 18730** has an outstanding adhesion to EVOH and PA resins thanks to the latest SK Functional Polymer technologies for tie layers.

**EVASIN® EV3251FT**, an EVOH grade with 32% ethylene content, shows outstanding bonding with **Orevac® 18730** by sheet thermoforming and container blow molding.

As **OREVAC® 18730** is PP homo-polymer based, it is suitable for retort and sterilization processes.

Phthalate-free **OREVAC® 18730** meets food industry key players' requirement.

Typical characteristics of **OREVAC® 18730** and **EVASIN® EV3251FT**

Grade	MFI (190°C, g/10 min)	Vicat T (°C)	Melting T (°C)	Density	OTR* (20°C, 65% HR)
18730	3.0	137	162	0.90	--
EV3251FT	1.8	--	183	1.19	0.5

\*cm<sup>3</sup>.20µm/m<sup>2</sup>.24Hrs.atm