

Colombes, June 18 2014

Arkema extends its range of barrier polymers with two new EVOH grades of high ethylene content

Arkema expands its Evasin[®] EVOH (ethylene vinyl alcohol) copolymers product range with two new grades containing 44% of ethylene. Arkema now offers a wide EVOH range with 29% to 44% ethylene content that can be used for most barrier film applications.

These two new Evasin[®] EVOH grades contain 44% of ethylene. The high ethylene content brings an excellent balance of barrier properties and processing stabilities. These grades can be processed by single-bubble or double-bubble blown film extrusion for heat shrink applications. Evasin[®] 4405F and Evasin[®] 4451F differ by their melt flow index, as shown in the table below.

	Melt index 210 °C, 2.16 kg (g/10 min)	Melting point (°C)	O ₂ transmission rate 65% RH, 20 °C *
Evasin [®] 4405F	5.5	166	1.35
Evasin [®] 4451F	1.8	167	1.35

*cc.20µm/m2.24Hrs.atm

EVOH is a specialty copolymer with very high barrier properties to gas (oxygen, carbon dioxide), aromatics and hydrocarbons. These characteristics, together with excellent transparency and good processability, have made this the reference product among barrier polymers, in particular for the multilayer food packaging, automotive fuel tank and heating pipe markets.

Since 2009, Arkema has been the exclusive distributor for Evasin[®] EVOH in Europe and has become the only resin supplier able to offer both Orevac[®] tie layer and Evasin[®] EVOH barrier material. Arkema is now able to offer full solutions to all of its customers producing multilayer barrier films.

For more information about Orevac[®] tie layer, Evasin[®] 4405F, 4451F and other grades, please visit the Orevac and Evasin web pages.

Evasin[®] is a trade name registered by Chan Chung Petrochemicals Co.Ltd. Chang Chun Petrochemicals Co.Ltd is one of the largest Taiwanese chemicals manufacturers with a strong activity in intermediates, epoxys, aromatics, and particularly Vinyl Acetate (VAM), Polyvinyl Alcohol (PVA), and Ethylene - Vinyl Alcohol (EVOH) copolymers.

*A global chemical company and France's leading chemicals producer, **Arkema** is building the future of the chemical industry every day. Deploying a responsible, innovation-based approach, we produce state-of-the-art specialty chemicals that provide customers with practical solutions to such challenges as climate change, access to drinking water, the future of energy, fossil fuel preservation and the need for lighter materials. With operations in more than 40 countries, some 14,000 employees and 10 research centers, Arkema generates annual revenue of €6.1 billion, and holds leadership positions in all its markets with a portfolio of internationally recognized brands.*

Contacts

Press - Sybille Chaix

Tel.: + 33 (1) 49 00 70 30

sybille.chaix@arkema.com

Business Manager – Richard Perrinaud

Tel.: + 33 (1) 49 00 74 00

richard.perrinaud@arkema.com