

Hall 15 Stand B04

Rajoo to demonstrate 5-layer all-PE blown film line

At K 2016, Rajoo will be the only Asian company to demonstrate live, a 5-layer all-PE blown film line. The blown film line will redefine application segments such as collation shrink films, lamination films, milk and water pouches, and more. Indigenously designed and built, this line includes the latest advancements in technology such as Cylindrical Spiral Die (CSD), Internal Bubble Cooling, Circumferential Profile Control with elevated air ring and triple lip, fully automatic winder and touchscreen-based control panel.

Tailored to meet specific needs, PENTAFOIL all-PE 5-layer co-extruded blown film line helps raise the performance bar of films with a good efficiency ratio. It offers benefits like down gauging, lower cost of final film and adaptability across applications, which enhances the ROI still further. The Rajoo "Excellence in Extrusion" is an affordable solution that has earned the company global acclaim from users, industry experts and media alike.

This 5-layer blown film line while ensuring a thin skin layer of property polymers and a thick core layer of inexpensive materials, offers enough versatility for processors to produce films that comply to difficult industry demands. It includes specifications that help businesses, both in terms of diverse film properties as well as costs. Operating at 600.4 kg/hour, TUV certified during an on-site visit, the specific electricity consumption under standard conditions for the PENTAFOIL-APE-RECF-260-90/2400 IBC-A is certified to be 0.3001 KWh/kg of blown film (40 micron thickness, 2,000 mm width).

Khushboo Doshi, executive director of Rajoo Engineers Ltd. opines, "I would like to highlight here that the all-PE PENTAFOIL 5-layer co-extruded blown film line is truly eco-friendly in a dual way—one from the environment perspective (by getting more out of less by down gauging and lower energy consumption) and the other from the economics perspective (better performance with cheaper raw materials)." ■



The PENTAFOIL all-PE 5-layer co-extruded blown film line from Rajoo

Hall 4 Stand C63-01

Sun Chemical to launch latest generation inks at K 2016

Sun Chemical, a leading producer of printing inks, coatings and supplies, pigments, polymers, liquid compounds, solid compounds, and application materials, is all set to introduce an environment-friendly ink for pad printing, alongside a range of functional and decorative products for plastic and rubber applications at K 2016 (Hall 4 stand C63-01). The event will be held in Düsseldorf Germany, from 19 to 26 October.

Sun Chemical and its German screen printing division, Coates Screen Inks, will showcase the new regulatory compliant ink for a wide range of substrates and applications. According to Sun Chemical, the pad printing ink is free from a number of raw materials including BPA, cyclohexanone, butyl glycolate and aromatic hydrocarbons, which makes it environment friendly and safe to use for food, drink and medical applications.

The new ink, which will be part of Sun Chemical's SunPad range of inks, is compliant with RoHS, REACH and EuPIA standards, and meets the EU Toy Safety Directive DIN EN ISO 71-3:2013 as well as USP Class VI – Certificate for medical applications.



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