

Pack Studios Tarragona

Virtual Grand Opening Q&A

Q1. Would it be possible to make trials using only the blown technology excluding the MDO stretching unit?

Yes, the Collin co-extrusion blown film line can be used on its own, without the film passing through the MDO unit, to produce a broad range of barrier and non-barrier films which can be further converted and tested at our other Pack Studios locations. The MDO capability can be used either off-line or in-line with both cast and blown film production.

Q2. Does Dow propose training sessions on extrusion process (cast – blown – coating) with Dow products?

Pack Studios is an innovation and collaboration space for our customers and value chain partners, and hands-on training can certainly form part of this collaboration. We frequently run education sessions with customers tailored to their specific needs. In addition, we offer Pack Studios Academies with classroom and machinery demonstration sessions which also involve other industry partners for a holistic learning experience.

Q3. Will we get to find out more about the equipment in Tarragona online?

You can find more detailed information about the equipment on [dow.com/packstudios](https://www.dow.com/packstudios). If you are interested in further specifics or have a project inquiry, your Dow contact would be happy to support. If you don't have a direct contact yet, please reach out via the contact us form online.

Q4. Are biodegradable films for food contact on the range of developments?

Right now, we do not promote the use of biodegradable films. Biodegradable films present their own challenges in terms of collection and sorting. If not sorted and composted in the right conditions, they can lead to a disruption in the recycling stream.

Q5. Do you provide services from your load stability center as an independent service? Are these analyses linked to the use of Dow stretch films?

The Load Stability Innovation Center in Pack Studios Tarragona is a resource primarily aimed at our customers for the development of high performing and more sustainable pallet unitization technologies, such as stretch films, stretch hoods, shipping sacks etc. at lower cost.

Q6. Do you have mono-material solutions with mosh/ moah barrier?

We have developed film solutions which are designed for recyclability and can provide suitable barrier performance for a broad range of different applications. Barrier to water vapour, oxygen, mineral oil and various other substances can be tailored through the correct combination of resin and/or coating technologies whilst maintaining a predominantly 'mono-material' structure that fits with current guidelines for recyclability. We invite you to reach out to us for further discussions.

Q7. When do you expect chemical recycling is going to be ready to impact the industry?

We cannot give a definitive answer, but we expect to see significant progress in 2021.

Q8. Do you plan on adding intelligent sensors, RFID, etc. for automated geo-tracking of pallets?

Whilst we are working on numerous developments and technologies to ensure pallets can be transported safely and we do have in-house sensor technology to assess film holding force on palletized goods, the development of RFID or geo-tracking systems is not currently within the scope of our work.



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