

## BEKUM 6-LAYER EXTRUSION BLOW MOLDER

Multi-layer structures aren't just for flexible packaging anymore. And Pack Studios-Freeport is ready to help you prove it. Anticipating market trends, Dow has invested in this **commercial-scale extrusion blow molding line** to aid customers in their development of multi-layer blow-molded packaging.

### Sustainability is important

Rigid packaging has long been the posterchild for plastic recycling. But sustainability goes beyond the recycle bin. The Bekum 6-layer line is just one more way Dow – and Pack Studios – are helping customers move to a more sustainable future in rigid packaging – allowing material substitution, PCR integration, alternatives to fluorination, and more.

### Collaboration and convenience are important

Let's face it-this is new ground for everyone. But we'd like to think that 50 or 60 years of material science experience across the entire spectrum of rigid packaging might help us – and our customers – master multi-layer blow molding. And best to do it together, here at Pack Studios, where we can conveniently utilize production-quality fabrication for formulation and end-use testing without disrupting your valuable production assets.

### Testing everything is important

The Bekum 6-layer line at Pack Studios is only the beginning. We can test resins and tie layers and finishes and the initial results of the molding process, which is an incredible asset on its own. But let's run these results through the gauntlet! ESCR testing. Top load testing. Shock and drop testing. UV testing. Gloss testing. And that doesn't even include the cap and closure testing options. They're all here, on site, and ready to be a part of our collaboration.



The Bekum Extrusion Blow Molder allows multiple trials for layer designs using Dow resins, adhesives, and optical finishes to achieve the perfect solutions for material substitution, barrier performance, abuse resistance, or whatever requirements are needed.

Further aligning with market trends, the Bekum 6-layer extrusion blow molder offers two mold options in popular styles and sizes – a 21-liter stack-over container and a 2.5-gallon F-Style container. With quick change-overs, customers can create and test both sizes at Pack Studios.



The many rigid packaging testing capabilities at Pack Studios perfectly complement the blow molding capabilities of the facility. "Make 'em then break 'em," as one enthusiastic technician has quipped. Of course, when they don't break, we know we've helped your package succeed. And that's really why we're here.

Pack Studios exists to enable collaboration and accelerate the development of innovative and sustainable packaging. The Bekum 6-layer extrusion blow molder is helping rigid packaging professionals achieve new insights regarding the creation of multi-layer blow molded structures, including designing for recyclability and sustainability by developing and testing prototypes here. And they can do it all without disrupting their own critical production schedules.

There's much more to discover. Find out more at [www.dow.com](http://www.dow.com) or contact your Dow sales or TS&D professional.

