



# APPLICATIONS LABORATORY

APPLICATIONS  
LABORATORY

**G**ala Industries has a state-of-the-art APPLICATIONS LABORATORY equipped with five different processing lines, including single screw extrusion, twin screw extrusion, compounding, reaction extrusion, and a heated vessel line for low viscosity applications. The Gala lab capabilities also include

- desiccant drying
- PET post-pelletization crystallization
- micropellet production processes
- rotational molding machine
- fluidized bed drying
- in-house analytical equipment to provide moisture analysis on current trials

The Gala lab is equipped to help you with your process applications. We will perform lab trials on your material — from a small lab scale to a market sample.

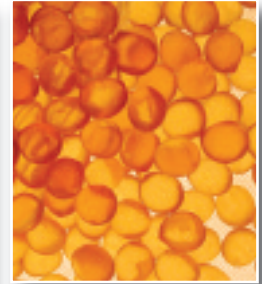
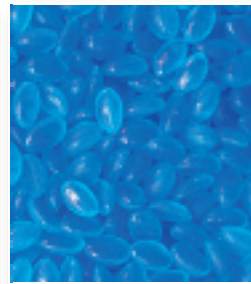




# GALA'S LAB EQUIPMENT

- Two 2-1/2" 30:1 L/D single screw extruders, with melt filtration capability, including Gala's patented CPT process.
- 25 mm twin screw extruder with a Gala LPU™ Laboratory Pelletizing System.
- 40 mm 52:1 L/D twin screw extruder with side feed, loss in weight feeders, and liquid injection. A three-component liquid feed system is available for this unit.
- Vessel line consisting of an oil heated, jacketed vessel with agitator, melt filtration, and **melt cooling**.

APPLICATIONS LABORATORY



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Covered by all or more of U.S. Patent Nos. 4,888,990; 4,896,435; 5,059,103; 5,403,176; 5,265,347; 5,624,688; 5,638,606; 6,138,375; 6,237,244; 6,332,765; 6,551,087; 6,739,457; 6,793,473; 6,807,748; 6,824,371; 6,925,741; 7,024,794; 7,033,152; 7,157,032; 7,171,762; 7,172,397; 7,267,540; 7,318,719; and Patents Pending, as well as foreign patents and applications. Gala trademarks are registered under US Registration Nos. 2846928, 2333008, 2045090, 2034576, as well as foreign registrations and pending applications for registration.

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