

# TPU PROCESSING

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## Gala® Has the Products, Specialists and Experience to Strengthen your TPU Processing

**T**hermoplastic polyurethane (TPU) processing is much like a chain. The process is only as strong as its weakest link. Gala is addressing the need for stronger TPU processing chains by providing the expertise, equipment, and support to our customers.

Working toward that goal, Gala is pleased to announce the installation of a complete reaction TPU demonstration lab line at our Eagle Rock, VA facility. This new demonstration lab gives Gala the ability to demonstrate the reaction TPU process to our customers and perform product sample runs and formulation evaluations.

TPU is one of today's most rapidly expanding polymer markets due to the versatility of the polymer. By changing the formulations of the



reactant mixture introduced to the reactor, a pellet producer can make a product that covers a wide range of hardnesses and applications. Whether producing TPU for the medical market, the footwear industry, or any of the other hundreds of applications using this extraordinary material, it is vital the pellet producer provide the highest quality pellets for processing the end product.



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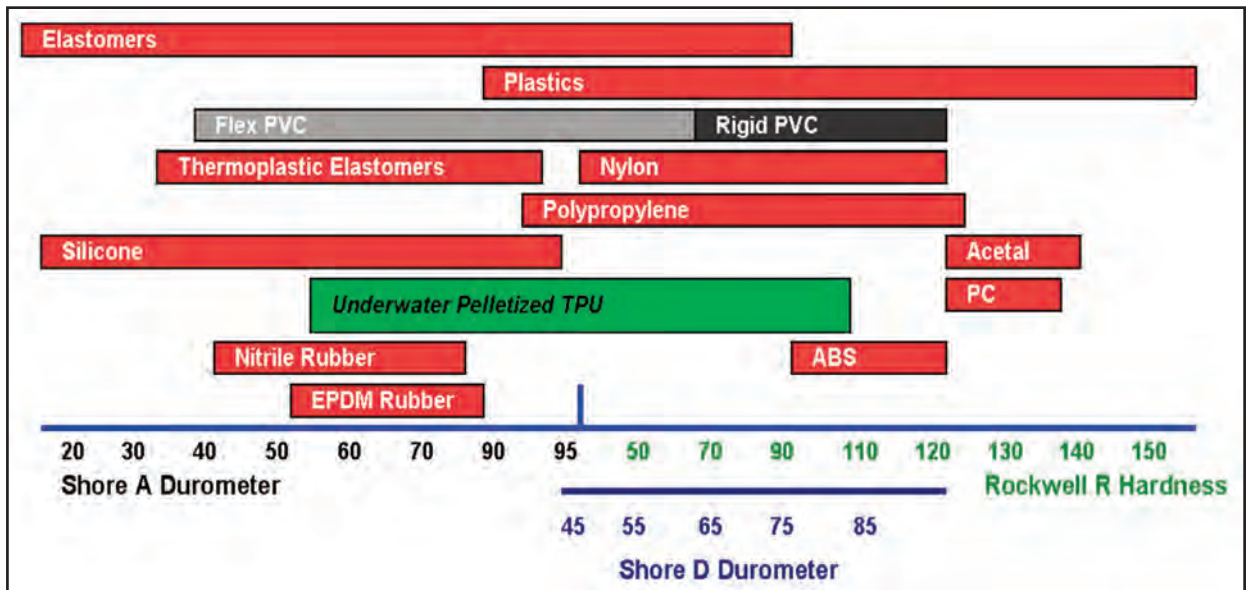
For over 18 years, Gala has been a world leader in TPU processing, having supplied more active and successful TPU pelletizers than any other manufacturer. Gala draws on this experience to tailor complete systems to meet our customer's needs and to ensure a quality end product.

Working toward this goal, Gala has made a commitment to providing turn-key TPU processes, which allow our customers to have a single point of contact for all their processing questions. Our turn-key systems are tailored to each customer's requirements, and offer flexibility for future expansion or process additions. Our systems include a 3-stream liquid feeding system, twin-screw reactor extruder, and complete pelletization / tempered water system. Gala also offers systems for virgin compounding of TPU — from the extruder to the tempered water system.

The Gala TPU lab is part of a support package to which Gala's turn-key TPU process customers will have access. In addition to having the ability to demonstrate the reaction TPU process to our customers, the Gala TPU lab offers the customer product sam-

ple runs, formulation evaluation, and hands-on training. Another part of this support package is the technical expertise we offer our customers regarding consultation and engineering assistance on processing upstream of the feed system and downstream of the tempered water system. Some examples of this consultation assistance include reactor screw profiles, formulations, and equipment specifications. By offering this type of support, we can help ensure our customers produce the highest quality product.

Our TPU staff has decades of combined experience in TPU and PU processing, pelletization, plant management and design, and reaction processing. At Gala, we believe that offering our experience, systems, and products to our customers can help them take advantage of the rapidly expanding market and establish reputations as quality TPU producers.



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