

# Top of the line industrial plastics

E-Plas supplies engineering grade plastics for a wide range of food manufacturing applications. The company has the expertise to not only advise what products are best for these businesses, but also the facilities to manufacture parts for them.

Plastics play a critical role in modern food and beverage manufacturing operations. Among their many applications, they are designed to make components used in feed scrolls, star wheels for packing equipment, and machined components for fillers and mechanical mechanisms.

However, plastics are not all the same. In industrial contexts, choosing the right plastic material for a given application can be a complex task. Due to their amorphous or semi-crystalline nature, plastics have different properties to metals and as such require a different approach when designing for a particular application.

E-Plas has the expertise to advise food and beverage manufacturing businesses on the most suitable material for their specific applications. The company has the right combination of experience, expertise and customer service to deliver the right products at the right price.

Established in 1981, E-Plas has branches in Victoria, New South Wales, Queensland, South Australia and Western Australia. Its head office, Victorian sales department and manufacturing department are all in Melbourne.

“We offer in-house machining and fabrication facilities. We have a full range of engineering-grade

Choosing the right plastic for the right application is key.



Plastics have many applications in the food and beverage manufacturing process.

plastics, with an increasing range of enhanced material grades to meet the increasing demand on efficiency for modern business,” Sean Kelly, E-Plas national operations manager told Food & Beverage Industry News. “Our products offer improved operations, with an overall reduction in cost of ownership.”

So, for example, if an FMCG maker needed guarding to protect its employees from packaging machinery, E-Plas would be able to visit the site, view the application and recommend polycarbonate as the best product for the job.

According to Kelly, the company is continually drawing on product development and implementations that take place globally, and then applying this information to bring new products to the Australian market. “This allows our customers to maintain their systems with OEM quality materials,” he said.

E-Plas works closely with well-known international suppliers, including Quadrant EPP, Rochling Sustaplast, Guarniflon and Spartech Corporation to provide support and advice on complex project material requirements in the food and beverage manufacturing sector.

“As a long standing supplier of engineering grade plastics to

the Australian market, E-Plas is a proven business partner for commercial solutions,” said Kelly.

## PRODUCTS BY E-PLAS

E-Plas is a national supplier of a wide range of industrial plastics to various sectors. Some of the company's modified grade products suitable for food and beverage makers include:

- Tivar HPV – for high-speed conveyor systems, such as bottling lines.
- Tivar HOT – a cost-effective option for higher temperature environments that require a low coefficient of friction i.e. Bake oven exit chutes, or food cooling spiral conveyors.
- Tivar MD – metal-detectable UHMWPE for food packaging equipment wear strips.
- Sustarin MDT – metal-detectable Acetal for food mixer and chopper blades.