



Techmer PM Designed Materials for Conveyor Equipment OEM to Meet Food Contact and Durability Requirements

A conveyor equipment OEM needed a thermoplastic material solution for its modular conveyor belts used in various meat, baked goods, and confectionary processing and packaging facilities to move ingredients and finished products.

The compounded solution needed to meet several important requirements: compliance with food contact standards; wear-resistant for a long life; durable to impact and other applied stress; chemically resistant to food ingredients and wash-down processes; and magnetically detectable if a piece of material was to enter the food product flow stream.

Techmer PM leveraged its expertise developing magnetically detectable thermoplastic compounds for material handling applications as well as its knowledge of food contact compliance standards to develop a custom solution. Techmer PM partnered with a conveyor equipment OEM to develop HiFill® POM CO 0167 S2 LE BL, a custom-colored blue compound based on a copolymer acetal.

The custom solution allowed its OEM customer to meet regulatory and in-use performance requirements for its conveyor belts.

