Meanwhile, plastics are taking on important tasks in almost all areas of the vehicle. With their tailor-made properties and multiple processing techniques, they always provide the occasion for innovations. The Extra shows examples and focuses on advanced concepts and components for the mobility change.

Injection Molding

The particular properties of coated glass previously made it virtually impossible to overmold completely. The material was too inflexible and brittle and frequently led to quite high reject rates, so that mass production rarely seemed sensible. Pentacon GmbH has developed a process that solves these problems, thus opening up new fields of application in the watch and electronics industry.