

# Adhesive Agents and Sealants for Hybrid Injection Molding

Development and test of process adjusted adhesive systems and sealants for injection molding compounds

- highly adhesive bonded compounds, resistant to temperature, moisture or fluids
- parameter adjustment
- technologically sensible storage and processing properties
- versatile basic systems for different material combinations
- compatible application methods and coating parameters



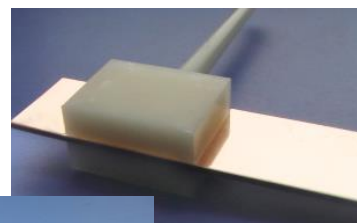
TPE / metal



plastic / cable



PBT / glass



PA6 / copper

Our activities are focused on the development of user-friendly adhesive agent systems as well as the investigation and the solution of bonding problems by order of the customer. We use our long-term experiences in chemical and physical surface treatment.

The availability of own injection molding technology allows to produce suitable samples to proof the bond strength (e. g. peel test or tensile test) and to check the tightness of compounds by ourselves. In this way, we can realize an effective and practical work in development, test and improvement of the bonding systems and test compounds. Furthermore, we use adjusted methods and own equipment to test the stability of compounds against stresses such as climate, thermal shock or salt spraying.

## Our range of services:

- development and modification of bonding agents or sealing systems for hybrid injection molding with metal, plastic or glass inserts according to the customer specific needs
- sealants in hybrid injection molding

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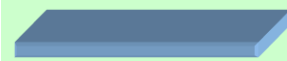


**INNOVENT**

Technology Development

**Research Department:**  
 Primer and Chemical  
 Surface Treatment

purification / pretreatment



coating



conditioning



hybrid injection molding



application / stress test

