



Contact

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THERMOLAST® M

TPE that meets the medical &
pharmaceutical industries' special needs

Advantages at a glance

- Medical Grade Plastic according to VDI 2017
- All materials passed ISO 10993-05, representative materials are tested for ISO 10993-4, -10, -11, additionally.
- Optimum safety through Medical Service Package
 - » Compliance with clean room classifications during processing at customer
 - » Guarantee of optimum raw material purity
 - » Long-term raw material availability guaranteed
 - » Free of latex, PVC and phthalates
 - » No use of heavy metals
- Can be sterilized using customary methods – EtO gas, superheated steam (134 °C), γ -gamma ray treatment (2 x 35 kGy), β -ray (electron beam) treatment (2 x 35 kGy)
- Easy molding process and short cycle times for injection and two-component injection molding and extrusion techniques
 - » No finishing (deburring) required for components
- Outstanding mechanical properties
 - » 10 Shore A to 55 Shore D
 - » Excellent resealing qualities
 - » Optimum sealing properties
- Resistance to disinfectants
- Translucent and transparent compounds
- Various color options available in-house
- Well established in various pharmaceutical and medical applications
- Adhesion to various thermoplastic materials in two-component injection molding
 - » PP, PE
 - » COC
 - » ABS, PS
 - » PC, PET, Tritan™
 - » PA6, PA12

