Hospital

**OXYGENATOR**

*Elastollan® TPU*

- Ensures blood is oxygenated as precisely as possible
- Exhibits almost no electrostatic charging that can create problems during use
- Allows the production of high precision thickness fibre walls of only 70 μ
SKIN STRETCHER  
*Ultraform® PRO POM*

- Reduces friction between functional parts, for **ease of use** during application
- Suitable for **steam** or **ethylene oxide sterilization**
CATHETERS & TUBINGS
Elastollan® TPU

- High transparency allows monitoring of liquid content passing through
- Excellent chemical resistance, as well as resistance to tears and kinks help enhance lifetime of product
LARYNGOSCOPE BLADE

Ultraform® PRO POM

- High mechanical and tribological strength
- Provides stiffness and hardness
- Suitable for sterilization with superheated steam, plasma and ethylene oxide
POSITIONER PAD
Elasturan® PU

- Excellent self-recovery property
- Compatible with PU and latex (skin layer)
- Provides soft-touch with good pressure distribution for pressure ulcer prevention
- Improves process and productivity by shortening curing time
WHEELCHAIR

**TPU, E-TPU, PU, and engineering plastics**

- BASF’s various polymeric product offerings enable light weighting in wheelchairs, which improves the mobility of the device.
- Greater comfort to enhance user experience.
- Stylish design can be achieved with more material processing options.
- Extension of the wheelchair’s usable life.
DIALYSIS FILTER
Elastocast® PU

Ensures the reliability of the filter by:

• Providing a reliable seal for hollow fiber filters
• Adhering well without distorting or tearing the fibers
• Optimum processability
**STOOL DRAINAGE CATHETER**

*Elastollan® TPU*

- Material solution can be manufactured extremely thin and for complex shapes as it is highly flexible, yet possesses excellent tear resistance.

- Able to produce improved drainage system that interacts with the body with almost neutral pressure.
REDON DRAINAGE
Elastollan® TPU

- Intrinsic material properties allows the drain to be connected directly to the guiding needle (without an adaptor)

- Elastollan® drains are biocompatible: the drain does not become ingrown in the tissue and is easy to remove
3-WAY STOPCOCK
Ultraform® PRO POM

• Small precision parts can be produced with Ultraform®'s excellent dimensional and low water absorption rate

• Excellent friction properties allows production of sliding parts without needing lubrication

• Suitable for steam or ethylene oxide sterilization
ORTHOPAEDIC LEG

Elastollan® TPU
Ultramid® PA

• BASF engineering plastics are more robust, lightweight and flexible than conventional materials

• Part strength remains without weakening from the constant adjustments of prosthetic limb
INSULIN PEN

Ultraform® PRO POM

Ultradur® PRO PBT

- Excellent sliding friction and mechanical properties of material enables
  - Dispensing accurate dosage
  - Lower noise produced during administration

- Low water absorbability, high resistance to many chemicals

- Suitable for ethylene oxide sterilization
WOUND DRESSING

Elastollan® TPU

- Waterproof to keep wounds dry to aid healing
- Highly breathable to enable wicking of moisture
- Allows thinner film production, improving patient’s feel of dressing
WOUND CARE DRAIN TUBING
Elastollan® TPU

- High transparency allows monitoring of liquid content passing through
- Excellent chemical resistance, as well as resistance to tears and kinks help enhance lifetime of product
- Sterilizable by ETO or Gamma
MEDICAL MATTRESS
Elastollan® TPU

- Better hydrolysis resistance (against sweat and urine). Hence will not absorb odours and is more durable.

- Flexibility under wide temperature range makes it more durable to continuous strain of air pumping through the mattress to enhance circulation and prevent bedsores.
BEDFRAMES & WHEELS

Elastollan® TPU

- Wheels can have improved abrasion resistance of over conventional material

Ultramid® PA

- Allows lightweighting for structural components and wheel hubs, improving control of the bed during movement