



Redesigning plastics. For good.

Medical polymer solutions

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ChemMed™

# CUSTOM-MADE RISK CONTROL THAT SAVES LIVES

Risk control is key in medical systems that must not fail - and never truer of its life-saving devices, from design to disposal and in terms of the materials used.

The CHEMRES company - integrated by parent company Benvic - is a first class compounder of polymers for medical applications in the form of its leading ChemMed range.

We offer four key strengths includes :

**1- Quality.** ISO 13485 based quality and FMEA data is provided in all circumstances and at stages of manufacture.

**2- Never miss a beat.** An unbroken delivery service is a further guarantee for a sector where product and process changes cannot be integrated at short notice. Our value, based on service, sourcing, storage and manufacturing backups, is at least as important as product performance stability.

**3- Here for the long run.** The third pillar of our reliability is the long term relationship we establish with all of our customers. It takes time and effort to prove real performance, but the win-win results over the long haul are well worth it

**4- Custom compounds.** Many medical products are specific to particular applications - and therefore require special materials technology to match. The ChemMed expertise supplies this ingredient - using our laboratories and evaluations to achieving multiple characteristics for all kinds of requirements; from design to product scaling, or in assisting your customers or OEM specifiers at any stage with material issues and questions.

As with all Benvic materials, the ChemMed range shows that reliability and product-on-demand are essential for your success in the medical marketplace.

## The ChemMed® range

ChemMed  
PP

**Polypropylene:** Homopolymer, Copolymer, Impact copolymer

ChemMed  
PE  
UHMWPE

**Polyethylene:** High density, Low density, Linear low-density

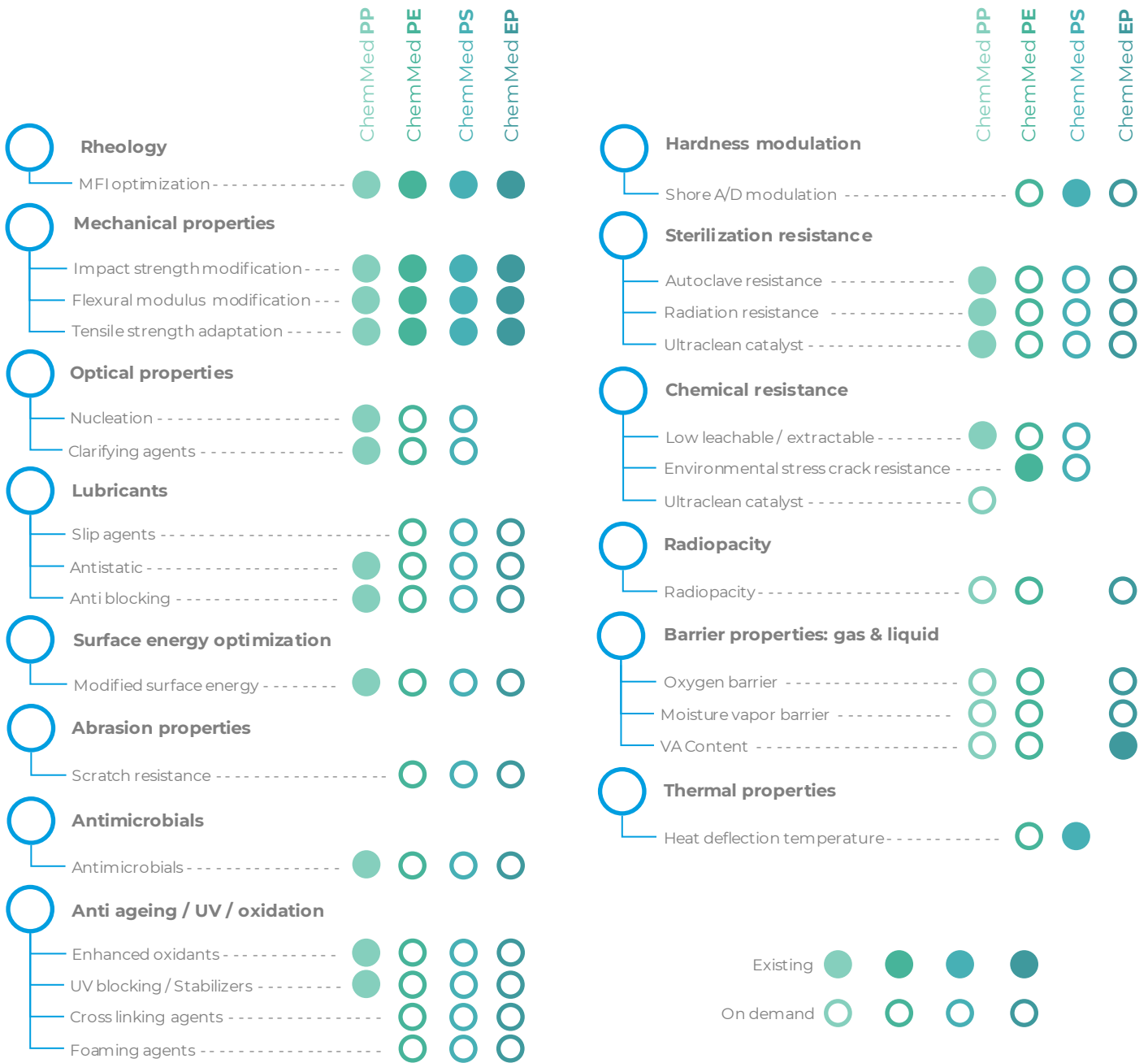
ChemMed  
PS

**Polystyrene:** Crystal, Medium impact, High impact

ChemMed  
EP

**Engineered polymers:** COC, COP, TPE, PC, ABS, PBT, EVA, EVOH...

# The ChemMed® capability matrix



Benvic supports its customers through the whole compounding production process, from design to manufacturing to after-sales services. For support, please contact us at [sales.chemmed@benvic.com](mailto:sales.chemmed@benvic.com) or consult our website [www.benvic.com](http://www.benvic.com)

## LABORATORY SERVICES

Extensive materials know-how and expertise is needed in order to design, test and characterize our medical compounds. Our engineers are here for you: able to assess any material characteristics with in house testing and to support any other analysis you may require.

### Rheology - Processability

- MFI
- Capillary Rheometer

### Thermal Properties

- DSC
- TGA

### Surface Properties

- CoF

### Mechanical Properties

- Mechanical Strength
- Flex Modulus
- Izod Impact
- Dynatup Impact

### Chemistry

- XRF
- HPLC
- GC

### Additional Testing

- YI
- Specific Gravity
- FTIR
- UV Weatherometer
- Volatiles/ Moisture
- Ash Test
- Optical Microscopy
- Black Speck Check
- Visible %T and %A

## LOGISTICS SERVICES

Speed-to-market and supply chain management are a huge part of our service to today's medical customer. Chemres prides itself on making it as easy as possible to import/export, package and ship product in desired quantities to any location in the world. Our logistics offerings include:

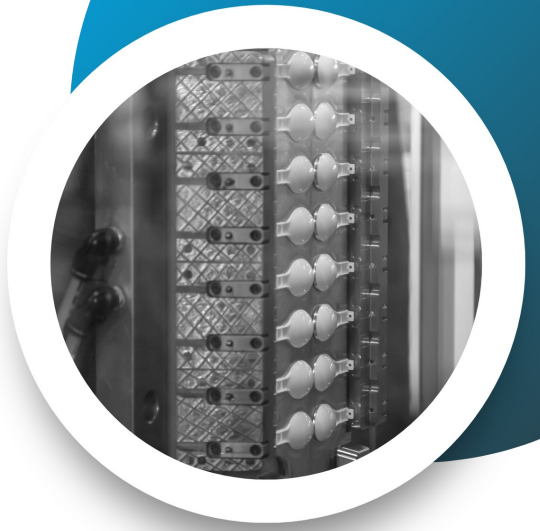
- Transloading and logistics
- Bag to bulk
- Supersacks (SS) to bulk
- Sea container to bulk, box or SS
- Bulk to bag, box or SS
- RC to bulk truck
- Non-melt blends: bulk to bulk, bag, box or SS

## CERTIFICATIONS



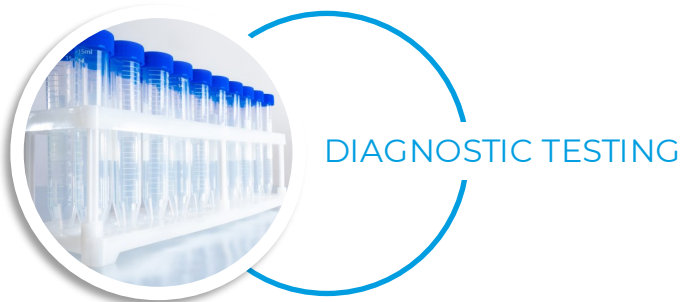
Technical data sheets, processing recommendations and other supporting data are available upon demand. The information given above is general commercial information and cannot be considered as a specification and can change without prior notice. Benvic also supports customers through continuous adaptation of its products: please contact your nearest sales representative for technical support.

# APPLICATIONS



OPHTHALMIC

Contact lens processing aids: molds / castings cups



DIAGNOSTIC TESTING

Blood testing vials and slides  
petri dishes and pipettes



BLOOD INFUSION

Needle tip covers, infusion devices



SYRINGES

Syringe bodies and seals



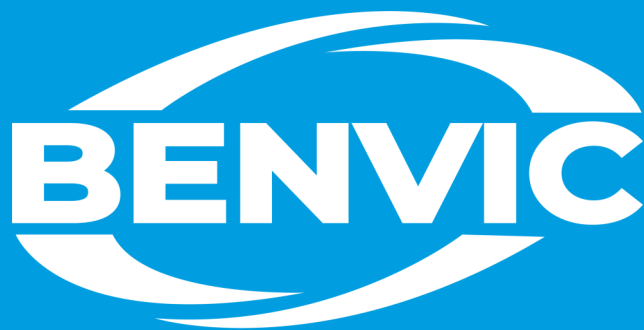
VIAL SEPTUM

Closure caps



PACKAGING

Medical and pharmaceutical packaging blisters



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[www.benvic.com](http://www.benvic.com)



BENVIC IS POWERED  
BY GREEN ENERGY

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