



# MEDSELECT™

A diverse portfolio of  
medical-grade polypropylene

## Medical Applications

Choose a medical-grade polypropylene from these product categories or contact us to discuss other health care-related products.

### Pharmaceutical Packaging

**23M2A** – Bottles (BFS)  
**23R2A** – Bottles (IBM)  
**23N10A** – Bottles (BFS)  
**H0500HN** – Caps & Closures  
**11R12A** – Caps & Closures

### Diagnostics/Labware

**P9M7R-056** – Pipette tips, vials, tubes, plates  
**13G27M** – Vials, tubes, caps, plates, racks  
**13T25A** – Vials, tubes, caps, plates, racks, lids  
**13R9A** – Vials, tubes, caps, racks, lids  
**P5M6K-080** – Vials, tubes, caps, plates, racks  
**11M35V** – Pipette tips, vials, tubes, racks  
**12G50M** – Pipette tips, vials, tubes, caps, plates, racks, lids

### Medical Devices

**13T25A** – Medical device components, pre-filled syringes  
**13R9A** – Medical device components, syringes  
**13G27M** – Medical device components, pre-filled syringes  
**P5M6K-080** – Medical device components, syringes

### Ophthalmic

**P4C5N-046** – Contact lens blister packs, casting cups  
**23R2A** – Eye drop bottles



**INVISTA™**  
POLYPROPYLENE

## A Surgical Approach to Polymers

In the medical industry, choosing the right polypropylene for your products is critical. INVISTA has more than 40 years of experience working with medical OEMs to develop, test and deliver precision-crafted polymers for diagnostic, pharmaceutical and health care uses.

Each new medical grade expands our product line, giving you more options to meet your full range of requirements. We produce more than 800 million pounds of polypropylene per year and can customize orders to provide exactly what you need.

## Regulatory and Sterilization Expertise

Our development team knows how to efficiently achieve the right combination of performance properties and regulatory approvals for any medical application. We also provide thorough laboratory testing so you can have confidence your polypropylene meets all the necessary standards. Partner with us from concept through completion to save valuable time getting your products to market.

## MedSelect

Product	Type	Melt Flow Rate (g/10m)	Sterilization Method			End-Use Application
			Radiation	Autoclave	EtO	
H0500HN	Homopolymer	5		●	●	Closures, medical device components
P4C5N-046	Homopolymer	20		●	●	Nucleated, medical devices, closures, ophthalmic
23M2A	Random Copolymer	2		●	●	Pharma packaging; BFS bottles, autoclavable
23R2A	Random Copolymer	2	●	●	●	Radiation sterilizable, vials & bottles
13R9A	Random Copolymer	9	●	●	●	Radiation sterilizable, medical devices & labware
23N10A	Random Copolymer	10		●	●	Pharma packaging, SBM, bottles, autoclavable
13T25A	Random Copolymer	25		●	●	Pharma packaging, medical devices; autoclavable, clarified
13G27M	Random Copolymer	27	●	●	●	Radiation, autoclavable, medical devices & labware, clarified
P5M6K-080	Random Copolymer	27	●	●	●	Radiation sterilizable medical devices & labware, clarified
11R12A	Specialty	12	●	●	●	Radiation sterilizable, closures, medical devices
P9M7R-056	Specialty	55	●	●	●	Radiation sterilizable pipette tip & labware, autoclavable, clarified

## Better Positioned to Help

Our world-class plant in Longview, Texas, is 200 miles inland from the Gulf Coast. When weather affects supply chains along the shore, we are in a better position to operate without interruption. That includes our integrated feedstock supply with raw materials from multiple sources. We customize more than 100 different grades of polypropylene to help give you a competitive edge.

## Ask Us About These Innovations For The Medical Market:

### 11M35V

This homopolymer is a drop-in resin made as a standard product for labware such as pipette tips, vials, micro-tubes, centrifuge tubes, PCR plates and tubes, racks, lids and test-kit components. 11M35V has a melt flow rate of 35 and is designed for EtO and autoclave sterilization. Characteristics include translucence, high stiffness and good impact properties.

### 12G50M

This random copolymer is a specialty product for labware. With a high melt flow rate of 50, sterilization methods include EtO, autoclaving, gamma and E-beam. In addition to withstanding high temperatures, 12G50M maintains remarkable clarity while also offering medium stiffness and better impact properties compared to 11M35V.

## MedSelect: Labware

Product	Type	Melt Flow Rate (g/10m)	Notched Izod @ 23C	Flex Mod 1% sec (psi)	End-Use Application
23R2A	Random Copolymer	2	1.4	131	Reagent bottles, carboys, beakers, flasks
13R9A	Random Copolymer	9	1.2	135	Vials, micro-tubes, centrifuge tubes, caps, bottles
13G27M	Random Copolymer	27	0.7	151	PCR plates & tubes, pipette tips, vials, lids, racks
13T25A	Random Copolymer	25	1.0	141	PCR plates & tubes, pipette tips, vials, lids, racks
11R12A	Specialty	12	0.7	155	Caps & closures
P9M7R-056	Specialty	55	0.7	175	Pipette tips, vials, micro-tubes, centrifuge tubes, PCR plates, lids, racks; low warpage

## Supply You Can Trust

- Long-term supply availability.
- Our medical-grade process minimizes contamination.
- Higher specifications and quality testing requirements.
- Traceability to identify the source of all raw materials.
- Consistent formulations with change notification policies.

Contact us to get started today at [polypropylene@invista.com](mailto:polypropylene@invista.com).





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## POLYPROPYLENE

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