INVISTA™ POLYPROPYLENE

MedSelect™

A diverse portfolio of medical-grade polypropylene

Healthcare Applications

At INVISTA, polypropylene is our specialty, and we have a long history as the supplier of choice for customers across the healthcare field.

Precision-Driven Polymers

When it comes to designing the medical, pharmaceutical and laboratory products the world relies on, we know how critical it is to choose the right material. You need a material that is safe, consistent and readily available. INVISTA has more than 40 years of experience working with OEMs to develop, test and deliver precision-crafted polymers for diagnostic, pharmaceutical and healthcare uses.

We have approximately 900 million pounds of production capacity and can customize formulations to provide exactly what you need. Each new medical grade expands our product line, giving you more options to meet your full range of requirements. Sampling and quality controls throughout our production process help ensure consistency in every order.

Pharmaceutical Packaging

- **23M2A** – Bottles, ampoules
- **23R2A** – Bottles (IBM)
- **23R2B** – Bottles (NEW)
- **23N10A** – Bottles
- **H0500HN** – Caps & Closures
- **11R12A** – Caps & Closures

Diagnostics/Labware

- **P9M7R-056** – Pipette tips, vials, tubes, plates
- **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
- **P5M6K-080** – Medical device components, syringes

Ophthalmic

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

Reliability, Flexibility and Service

INVISTA delivers reliability with a PP polymer production facility located 200 miles inland from the Gulf Coast, integrated feedstock supply and on-purpose PGP production, backed by robust preventive maintenance procedures that minimize downtime and unplanned outages.

With a portfolio of 100+ grades, custom formulations and low minimum order quantities, INVISTA gives customers flexibility in design and delivery. New product development is backed by 40+ years of experience, a state-of-the-art technical service and development lab, and regulatory expertise for healthcare and food-contact applications. With a commitment to mutually beneficial relationships, INVISTA's commercial and technical service teams provide timely response and personalized support.

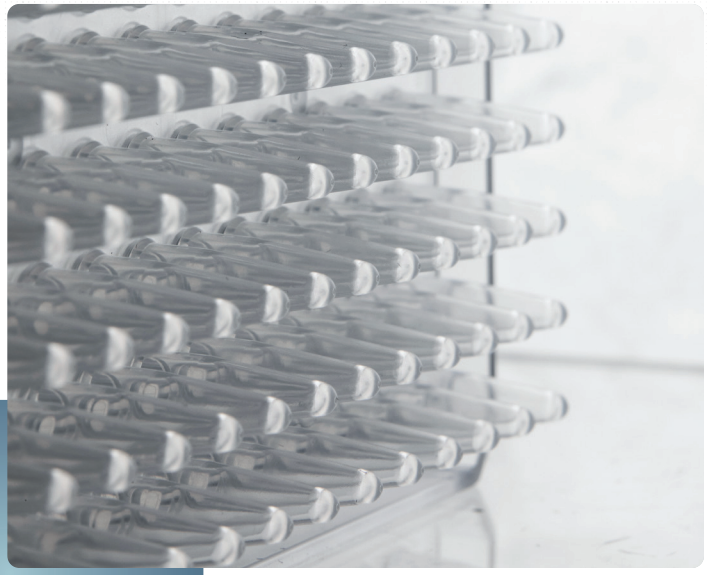
Unique Innovations for the Medical Market

11M35V

This homopolymer is a standard product for labware such as pipette tips, vials, micro-tubes, centrifuge tubes, PCR plates and tubes, racks, lids and testkit 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.



Expert Regulatory Support

INVISTA brings extensive capabilities in developmental programs along with in-house commercial and technical expertise, backed by decades of combined experience in regulatory requirements for medical-grade PP. With a state-of-the-art technical service and development lab, we can complete testing ahead of time to streamline approvals, ease the qualification process and assist with sampling. Partner with us from concept through completion to save valuable time getting your products to market.

Resins Designed for You

Through close collaboration with you, our application development team can achieve the right mechanical properties and performance characteristics for medical applications. Our Medselect resins come with biocompatibility results, including USP<88> (Class VI), ISO 10993-5, and USP<85>, and upkeep for all Medselect grades. We also provide thorough laboratory testing so you can have confidence your polypropylene meets your specifications.

Supply You Can Trust

- **Long-term supply availability**
- **Integrated feedstock supply with on-purpose production**
- **Traceability and quality controls**
- **Consistent formulations with regulatory upkeep**

See the Difference

Visit invista-pp.com to request information and samples.

MedSelect™ : Grades

Product	Type	Melt Flow Rate	Sterilization Method			End-Use Application
		(g/10m)	Radiation	Autoclave	EtO	
H0500HN	Homopolymer	5		•	•	Closures, medical device components
P4C5N-046	Homopolymer	20		•	•	Nucleated medical devices, closures, ophthalmic
11M35V	Homopolymer	35		•	•	Labware, pipette tip, medical components
23M2A	Random Copolymer	2		•	•	Pharma packaging, BFS bottles, autoclavable
23R2A	Random Copolymer	2	•	•	•	Radiation sterilizable, vials & bottles
23R2B	Random Copolymer	2	•	•	•	Radiation sterilizable, vials & bottles (Improved)
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
P5M6K-080	Random Copolymer	27	•		•	Radiation sterilizable medical devices & labware, clarified
12G50M	Random Copolymer	55	•	•	•	Radiation sterilizable pipette tip & labware, autoclavable, clarified
11R12A	Specialty	12	•	•	•	Radiation sterilizable, closures, medical devices
P9M7R-056	Specialty	55	•	•	•	Radiation sterilizable pipette tip & labware, autoclavable, clarified, low warpage

Scan to see technical data sheets.

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