



BLOW MOLDING

Expand your manufacturing possibilities

See How Blow Molding With Polypropylene Enables Custom Grades for Peak Performance

When products are blow molded, some resins are more effective than others at achieving the right combination of performance attributes. INVISTA is a leading supplier of polypropylene for blow molding. We provide technical expertise and reliable supply of both monolayer and multilayer options.

Clearly Versatile

Our customized polypropylene grades for blow molding provide greater heat resistance and clarity to meet your specific needs.

Proven Partners

With more than 40 years of industry experience, INVISTA has technologies and expertise to produce polypropylene resins designed for blow molding (including extrusion, injection and injection stretch) and other manufacturing processes.

Making the Grades

We offer a variety of polypropylenes to meet your specifications. Looking to create packaging such as bottles with barrier protection for nonpasteurized beverages? Ask about our food packaging grades. If you need a polypropylene that can withstand gamma radiation without discoloring, see our 23R2A product.

Ideal for:

- Autoclave processes in medical and wellness applications that require sterilization
- Manufacturing hot-filled items



INVISTA[™]
POLYPROPYLENE

Grade	Type	Melt Flow Rate (g/10m)	Izod @ 23C (ft-lb/in)	Flex Modulus Tangent (kpsi)	Features
P9G1Z-047	Specialty	0.55	1.7	180	Large bottles needing higher melt strength
P5M2Z-012	Random Copolymer	1.9	1.3	127	Household chemicals, beauty and personal care containers
P5L2K-055	Random Copolymer	1.9	1.0	185	Clarified, household chemical, beauty aid containers
23H2A	Random Copolymer	2	4.1	174	Blowing molding: High clarity PET, PS and PC replacement
23M2A	Random Copolymer	2	1.2	145	Medical applications, autoclavable
23R2A	Random Copolymer	2	1.4	140	Radiation sterilized applications
23S2A	Random Copolymer	2	1.2	145	Hot fill, food, health, medical
23T2A	Random Copolymer	2	2.6	164	Good clarity and impact strength
23S1Acs256	Random Copolymer	2	1.2	150	Food, health and medical labware
P9R2M-062	Specialty Impact Copolymer	2.2	NB	145	Good clarity, High Toughness
23N10A	Random Copolymer	9	1.3	160	Injection Stretch blow molding
13T10Acs279	Random Copolymer	10	1.2	165	Stretch blow molding applications



Better Positioned to Meet Demand

Our world-scale facility in Longview, Texas, is solely dedicated to polypropylene production and new product development. INVISTA has more than 100 different grades of polypropylene to help you achieve the right balance of clarity, impact strength, barrier properties and more.

We produce more than 800 million pounds of polypropylene a year, giving you access to reliable, long-term supply. Located 200 miles inland from the Gulf Coast, we are in a better position to continue operating without interruption when weather affects supply chains along the shore.

Custom polypropylene from INVISTA gives your products an edge in the marketplace.

The data and information represented herein refer to typical values obtained in our laboratories by the methods or apparatuses indicated and should be so considered. Since processing variables are a major factor in product performance, this information should serve only as a guide. Since customers' testing conditions are outside our control, the reproducibility of our data in a customer's testing facility is not guaranteed. Customer should confirm results under its testing conditions. There is no implied warranty of merchantability or fitness for a particular purpose. Establishing satisfactory performance of the product for the intended application is the customer's sole responsibility. No warranty is given concerning the existence or non-existence of any patents claiming any pertinent subject matter presented herein. The Company assumes no obligation, express or implied, or liability for use of or reliance on the information and data presented. INVISTA disclaims all product warranties expressed or implied, including warranties of fitness for particular purpose or of merchantability. Further, this product is not intended for use in the manufacture of any form of implanted medical or surgical device.

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Contact us to get started today at polypropylene@invista.com.



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