

DuraTemp™ Polypropylene



Maximize Packaging Performance

From production to distribution to point of sale, transporting and storing consumer products without breakage presents challenges for brands and retailers. With traditional polymers, brand owners and OEMs had to choose between impact resistance and the aesthetics of transparent packaging. INVISTA's DuraTemp™ packaging resins deliver both – durability and clarity.

Aesthetics + Performance



CLARITY



IMPACT
RESISTANCE

DuraTemp™ polypropylene are specialty resins that deliver the aesthetics of transparent packaging with the durability of impact-resistant polypropylene. DuraTemp™ refrigerator and freezer grades are tested to withstand drops of up to 7 feet, in temperatures as low as -20°C.

Safety and Compliance

- | Reduce breakage during shipping
- | Eliminate unnecessary packing materials
- | See the difference in clarity and feel the lighter weight compared with other impact polymers

INVISTA has technology, expertise, and a range of DuraTemp™ polypropylene options for caps, closures, and packaging applications. We are equipped to customize grades and conduct detailed processing and shelflife trials to give you complete confidence in specifying our products.

10 Ways Customers Are Using DuraTemp™ Polypropylene

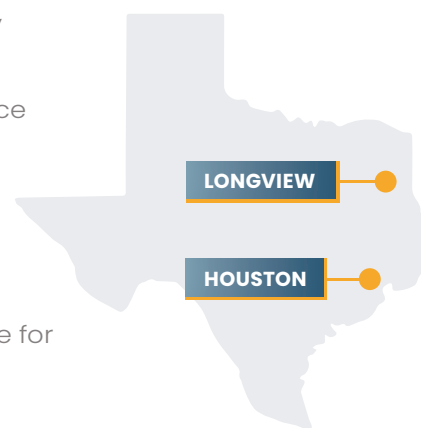
- | Household products shipped through e-commerce sellers
- | Ice cream containers
- | Frozen food trays
- | Hygiene and personal care bottles
- | Cosmetics and beauty products
- | Bottles for refrigerated noncarbonated beverages
- | Snack packs
- | Deli containers
- | Food storage
- | Microwavable packaging

Grade	Melt Flow (g/10 min)	Izod @ 23C (ft-lb/in)	Tensile (psi)	Flex Modulus Tangent (kpsi)	Features
P9R2M-062	2.2	9.5	3900	159	Impact resistant with good contact clarity, best suited for refrigerated temperatures or above
DT2023-NT	2.3	10.7	3770	161	Nucleated, designed for thermoforming and less demanding blow molding applications, good contact
DT2024-CT	2.3	No Break	3770	164	Clarified, designed for thermoforming and less demanding blow molding applications, excellent contact clarity
DT2021-NB	2.3	No Break	3390	150	Nucleated, designed for demanding blow molding applications, good contact clarity
DT3022-CB	2.3	No Break	3420	150	Clarified, designed for demanding blow molding applications, excellent contact clarity
DT1302-CM	30	5.9	3670	136	Clarified, designed for injection molding, e-commerce grade for small parts, good impact and haze, very good contact clarity
P9M6K-041A	35	6.0	3560	128	Clarified, designed for injection molding, best suited for refrigerated or higher conditions
P9C7K-053	55	5.4	3118	106	Clarified, high flow injection molding grade, best suited for thin-walled refrigerated or higher conditions
P9R8K-072	72	1.5	3440	124	Clarified and impact resistant, designed for consumer products and thin-walled packaging

Reliability, Flexibility, and Service

INVISTA delivers unmatched 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.



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

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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.