



# DURATEMP™ POLYPROPYLENE

Protect Your Products  
from Breakage

## Maximize Packaging Performance with DuraTemp™ Polypropylene

From production to distribution to point of sale, transporting and storing consumer products without breakage presents challenges for brands and retailers. With traditional polymers, exposure to extreme heat or cold can cause packaging to crack or break – resulting in waste and customer disappointment.

## Designed for Durability, Heat and Cold

DuraTemp™ polypropylene is a specialty resin designed for impact resistance in heat as well as freezer and refrigerator temperatures. Unlike other polypropylenes, DuraTemp™ grades are tested to withstand drops of up to 7 feet, in temperatures as low as -20°C.

## With DuraTemp™ Polypropylene, you can:

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

## Achieving Results Together

INVISTA has the technology, expertise and a range of DuraTemp™ polypropylene options for caps, closures and packaging applications. We are equipped to customize grades, 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
- Shampoo bottles
- Beauty products
- Bottles for refrigerated noncarbonated beverages
- Snack packs
- Deli containers
- Food storage
- Microwavable packaging



INVISTA™  
POLYPROPYLENE

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
DT2021-NB	2.3	No Break	3390	150	Nucleated, designed for demanding blow molding applications, good contact clarity
DT2024-CT	2.3	No Break	3770	160	Clarified, designed for thermoforming and less demanding blow molding applications, excellent contact clarity
DT3022-CB	2.3	No Break	3420	150	Clarified, designed for demanding blow molding applications, excellent contact clarity
DT2023-NT	2.3	No Break	3770	160	Nucleated, designed for thermoforming and less demanding blow molding applications, good 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
DT3300-CM	35	2.5	3490	160	Clarified, designed for injection molding, good contact clarity
P9C7K-053	55	5.4	3118	106	Clarified, high flow injection molding grade, best suited for thin-walled refrigerated or higher conditions



## 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](mailto:polypropylene@invista.com).



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