

# H02C-00 Polypropylene Homopolymer

Grade H02C-00 is a low flow rate, high clarity homopolymer designed for extrusion, thermoforming, blow molding, and rigid packaging. Applications that require good see-through clarity combined with good heat resistance can benefit from the use of grade H02C-00. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

## Applications

- Thermoformed packaging (cups, containers, lidding)
- Extrusion blow molded containers and bottles
- Injection blow molded containers and bottles
- Extruded sheet and profiles

## Benefits

- Excellent clarity
- Excellent processability

## Typical Properties<sup>1</sup>

Resin	Values	ASTM Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	2.2	D1238
<b>Injection Molded Sample</b>		
Tensile Strength at Yield, at 23°C, psi (MPa)	5,600 (39)	D638
Flexural Modulus, at 23°C, kpsi (MPa)	240 (1,650)	D790A
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	240 (116)	D648
Izod Impact Strength, 1/8" (3 mm) notched bar at 23°C, ft-lb/in (J/m)	0.6 (32)	D256
Haze, at 23°C, 50-mil (1.3mm) plaque, % Diffuse Transmittance	23	D1003

<sup>1</sup> Typical properties will vary within specification limits.

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2600 South Shore Boulevard  
League City, TX 77573  
Tel: 281-535-6600  
www.ineos.com

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## Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an e-mail to: [OPMSDS@innovene.com](mailto:OPMSDS@innovene.com).

## Health and Safety Information

The product described herein may require precautions in handling and use because of toxicity, flammability, or other consideration. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained by calling + 1-800-527-5419 (Toll Free - North America), or by sending an e-mail to: [OPMSDS@innovene.com](mailto:OPMSDS@innovene.com). Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

The Material Safety Data Sheet for this product contains shipping descriptions and should be consulted, before transportation, as a reference in determining the proper shipping description. If the material shipped by Innovene is altered or modified, different shipping descriptions may apply and the MSDS of the original material should not be used.

For additional information, samples, pricing and availability, please contact:

### ***INEOS Olefins & Polymers, USA***

Marina View Building  
2600 South Shore Boulevard  
League City, Texas 77573  
Phone: +1 281 535 6600  
Fax: +1 281 535 6764  
Customer Service: +1 800 527 5419  
Tech Service: +1 800 338 0489  
[www.innovene.com](http://www.innovene.com)

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League City, TX 77573  
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[www.ineos.com](http://www.ineos.com)

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