

# H02G-00 Polypropylene Homopolymer

Grade H02G-00 is a low melt flow rate general purpose homopolymer polypropylene. This grade is designed to try to meet the processing and physical property requirements of sheet, film and profile extrusion applications. Homopolymer grade H02G-00 meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

## Applications

- Consumer products
- Industrial products
- Extrusion/Thermoforming

## Benefits

- Ease of processing
- High throughput
- Good balance of properties

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

Resin	Value	Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	2.8	D1238
<b>Injection Molded Sample</b>		
Tensile at 23°C, Strength at Yield, psi (MPa)	5,000 (34)	D638
Flexural Modulus, at 23°C, kpsi (MPa)	175 (1,200)	D790A
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	195 (90)	D648

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

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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, please refer to the Regulatory Position Statement (RPS) online at [www.ineos-op.com](http://www.ineos-op.com), or call + 1-800-527-5419.

## Health and Safety Information

The product described herein may require precautions in handling and use because of toxicity, flammability, or other consideration. The Material Safety Data Sheet (MSDS) contains the available product health and safety information for this material and can be found at [www.ineos-op.com](http://www.ineos-op.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 INEOS O&P 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:

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