

H02C-01 Polypropylene Homopolymer

Grade H02C-01 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-01. 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 Properties¹

Resin	Values	ASTM Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	2.2	D1238
Injection Molded Sample		
Tensile Strength at Yield, at 23°C, psi (MPa)	5,000 (35)	D638
Flexural Modulus, at 23°C, kpsi (MPa)	237 (1,630)	D790A
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	237 (114)	D648
Haze, at 23°C, 50-mil (1.3mm) plaque, % Diffuse Transmittance	18.5	D1003

¹ 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, 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. 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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