

H65C-00 Polypropylene Homopolymer

Grade H65C-00 is high melt flow clarified and lightly lubricated homopolymer designed for high-speed injection molding. It exhibits excellent see-through clarity and meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Applications:

- Consumer products
- Audio-video media packaging formats (DVD & CD cases)
- Thin-wall injection molding, dairy/dessert rigid packaging (TWIM)
- Housewares

Benefits:

- Excellent clarity
- Fast cycling
- Low blooming w/good mold release
- Excellent performance in TWIM parts and food containers

Typical Properties¹

<u>Resin</u>	<u>Value</u>	<u>Method</u>
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	65	D1238
<u>Injection Molded Sample</u>		
Tensile yield strength, psi (MPa)	5700 (39.5)	D638
Elongation at yield, %	7	D638
Flexural modulus, kpsi, 1% secant (MPa)	260 (1780)	D790A
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	240 (116)	D648
Izod impact, notched @ room temperature, ft-lbs/in (J/m)	0.5 (26.8)	D256
Rockwell Hardness, R-scale	105	D785
Haze at 23C, 50 mil (1.3) plaque, % Diffuse Transmittance	15.0	D1003

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2600 South Shore Boulevard, Ste. 500
League City, TX 77573
Tel: 281-535-6600
www.ineos-op.com

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¹Typical properties will vary within specification limits.

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:

INEOS Olefins & Polymers, USA

Marina View Building
2600 South Shore Boulevard
Suite 500
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.ineos-op.com

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