

H28E-00 Polypropylene Homopolymer

Grade H28E-00 is an antistatic, controlled-rheology homopolymer polypropylene. It is designed for injection molding applications that require improved impact. Product grade H28E-00 meets FDA requirements of 21CFR 177.1520.

Typical Properties¹

Resin	Value	Method
Density, g/cc	0.900	D1505
Melt-Flow Index, 2.16kg at 230°C, g/10 min	28.0	D1238
Tensile Strength		
at Yield, 2 in/min, psi (MPa)	5,000 (34.5)	D638
at Break, 2 in/min, psi (MPa)	2,850 (19.7)	D638
Elongation		
at Yield, 2 in/min, %	10	D638
at Break, 2 in/min, %	480	D638
Tensile Modulus		
1% Secant at 0.05 in/min, kpsi (MPa)	140 (965)	D638
Flexural Modulus		
1% Secant at 0.05 in/min, kpsi (MPa)	200 (1,379)	D790A
Notched-Izod Impact Strength		
at 23°C, ft-lb _f /in (J/m)	0.3 (16)	D256

¹Typical properties will vary within specification limits.

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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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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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