

# H13M-00 Polypropylene Homopolymer

Grade H13M-00 is a general purpose polypropylene homopolymer for injection molding applications. It provides good long-term heat stability. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520 and is Drug Master File listed.

## Applications

- Appliances
- Automotive
- Consumer products
- Housewares
- Medical packaging
- Rigid packaging

## Benefits

- Extraction resistance
- High temperature properties
- Long-term heat stability

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

Resin	Value	Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	13.5	D1238
<b>Injection Molded Sample</b>		
Tensile at 23°C		D638
Strength at Yield, psi (MPa)	5,400 (37)	
Elongation at Yield, %	8	
Elongation at Break, %	>200	
Flexural Modulus, at 23°C, kpsi (MPa)	230 (1,590)	D790A
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	220 (104)	D648
Rockwell Hardness, R Scale	102	D785
UL Recognition		
Relative Thermal Index, °C	100	
Flammability Classification	94HB	UL94

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<sup>†</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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