

# H05M-00 Polypropylene Homopolymer

Grade H05M-00 is a general purpose polypropylene homopolymer for injection molding applications. This resin 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.

## Applications

- Appliances
- Consumer products
- Housewares
- Rigid packaging

## Benefits

- Extraction resistance
- Good long-term heat stability
- High temperature properties

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

Resin	Value	Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	5.2	D1238
<b>Injection Molded Sample</b>		
Tensile at 23°C		D638
Strength at Yield, psi (MPa)	5,300 (36)	
Elongation at Yield, %	9	
Elongation at Break, %	>200	
Flexural Modulus, at 23°C, kpsi (MPa)	200 (1,380)	D790A
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	220 (104)	D648
UL Recognition		
Relative Thermal Index, °C	100	
Flammability Classification	94HB	UL94

<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, send an e-mail to: [OPMSDS@innovene.com](mailto:OPMSDS@innovene.com).

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For additional information, samples, pricing and availability, please contact:

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