



## 2199H

### 100 MELT FLOW IMPACT COPOLYMER

### POLYPROPYLENE FOR INJECTION MOLDING

#### Product Description and Applications:

Pinnacle Polymers Polypropylene 2199H is made via UNIPOL™ PP technology, which utilizes gas-phase fluidized bed reactors with a high activity catalyst system to ensure uniform physical properties and lot-to-lot consistency.

This controlled rheology copolymer is intended for use in thin wall injection molded packaging, housewares and consumer products applications. Ultra High Melt Flow dramatically improves cycle-times without forfeiting properties. Contains nucleator and antistat.

#### Features:

The 2199H product provides:

- Excellent cycle-time
- Very high melt flow
- Excellent mold release
- Superior processability
- Excellent lot-to-lot consistency

### Typical Properties

Property	Units	Test Method
Melt Flow Rate	100 g/10 min.	ATSM D1238
Density at 23°C	900 kg/m	ISO 1183-1
Tensile Yield Strength, at 50 mm/min	17.7 MPa	ISO 527
Tensile Strain at Yield	7.6%	ISO 527
Flexural Modulus	1069 MPa	ISO 178
Notched Izod Impact Strength, at 23°C	1.3 ft-lb/in	ATSM D256
Charpy Impact Strength, at 23°C	8.5 kJ/m <sup>2</sup>	ISO 179-1
Gardner Impact at -30°C	24 J	ATSM D5420

FDA, EU 10/2011/EC, and SDS documents are available on our website at: <https://pinnaclepolymers.com/documents-datasheets/regulatory-documents>

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