



8199H

100 MELT FLOW IMPACT COPOLYMER

POLYPROPYLENE FOR INJECTION MOLDING

Product Description and Applications:

Pinnacle Polymers Polypropylene 8199H 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 8199H product provides:

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

Typical Properties *

Property	Traditional Units	SI Units	ASTM Test
Melt Flow Rate	99 g/10 min.	99 g/10 min.	D1238
Density at 23°C	0.9 g/cm ³	900 kg/m ³	D1505
Tensile yield strength, at 51 mm/min	3850 psi	26.5 MPa	D638
Flexural modulus (1% secant) at 1.27 mm/min	225,000 psi	1552 MPa	D790A
Notched Izod impact strength, at 73°F/23°C	0.6 ft-lb/in	32 J/m	D256

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

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