



8150H

55 MELT FLOW HIGH STIFFNESS COPOLYMER POLYPROPYLENE FOR INJECTION MOLDING

Product Description and Applications:

Pinnacle Polymers Polypropylene 8150H 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.

Contains nucleator and antistat.

Features:

The 8150H product provides:

- High stiffness
- Excellent impact at 23°C and -30°C
- High melt flow
- Excellent mold release
- Superior processability
- Excellent lot-to-lot consistency

Typical Properties

Property	Units	Test Method
Melt Flow Rate	55 g/10 min.	ATSM D1238
Density at 23°C	900 kg/m ³	ISO 1183-1
Tensile Yield Strength, at 50 mm/min	23.1 MPa ₂	ISO 527
Tensile Strain at Yield	7.1%	ISO 527
Flexural Modulus	1380 MPa	ISO 178
Notched Izod Impact Strength, at 23°C	≥ 1.1 ft-lb/in	ATSM D256
Charpy Impact Strength, at 23°C	6.8 kJ/m ²	ISO 179
Gardner Impact at -30°C	22 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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