

2160H

65 MELT FLOW IMPACT COPOLYMER FOR INJECTION MOLDING

Product Description and Applications:

Pinnacle Polymers Polypropylene 2160H 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. High Melt Flow improves cycle-times without forfeiting impact. Contains nucleator and antistat.

Features:

The 2160H product provides:

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

Typical Properties

Property	Units	Test Method
Melt Flow Rate	65 g/10 min.	ATSM D1238
Density at 23°C	900 kg/m	ISO 1183-1
Shrinkage	0.013 mm/mm	ATSM D955
Heat Deflection Temperature at 0.455 MPa (66psi)	115°C	ATSM D648
Tensile Yield Strength, at 50 mm/min	22.6 MPa	ISO 527
Tensile Strain at Yield	7.2%	ISO 527
Flexural Modulus	1358 MPa	ISO 178
Notched Izod Impact Strength, at 23°C	1.4 ft-lb/in	ATSM D256
Charpy Impact Strength, at 23°C	7.0 kJ/m ²	ISO 179-1
Gardner Impact at -22°F/-30°C	11 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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