



21115H Developmental

115 MELT FLOW IMPACT COPOLYMER

POLYPROPYLENE FOR INJECTION MOLDING

Product Description and Applications:

Pinnacle Polymers Polypropylene 21115H is made via UNIPOL PP technology, which utilizes gasphase 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 cycletimes without forfeiting properties. Contains nucleator and antistat.

Features:

The 21115H product provides:

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

Typical Properties

Property	Traditional Units	SI Units	ASTM Test
Melt Flow Rate	115 g/10 min.	100 g/10 min.	D1238 ¹
Density at 23°C	0.9 g/cm ³	900 kg/m ³	D1505
Tensile yield strength, at 51 mm/min	3200 psi	22 MPa	D638 ²
Flexural modulus (1% secant) at 1.27 mm/min	178,000 psi	1228 MPa	D790A ²
Notched Izod impact strength, at 73°F/23°C	1.4 ft-lb/in	75 J/m	D256 ²
Gardner Impact at -22°F/-30°C	140 in-lb	16 J	D5420 ³

¹Condition L 230/2.16

²ASTM Type I specimen, 3.2 mm thick (injection molded per ASTM D4101-92a)

³Method G, Geometry GC

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FDA and SDS documents are available on our website at: <http://www.pinnaclepolymers.com/datasds.php>

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