

## Pinnacle Polymers 1335 Z Polypropylene Homopolymer, Injection Molding Grade, Nucleated, with Antistat

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

### Material Notes:

This Pinnacle Polymers Polypropylene 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. Features: Superior color and processing stability Low odor and taste Excellent flow characteristics High stiffness and fast set-up behavior Applications: Thin wall injection molding Closures Food containers Miscellaneous consumer product applications that require high stiffness Certifications: Pinnacle's polypropylene, as marketed by Pinnacle Polymers Company, in natural, uncolored pellet form complies with appropriate requirements of CFR Title 21, Part 177, Subpart B, Section 177.1520 (c) 1.1a entitled "Olefin Polymers" of the Food Additives Amendment of 1958 to the United States Food, Drug and Cosmetic Act of 1938. Information provided by Pinnacle Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pinnacle-Polymers-1335-Z-Polypropylene-Homopolymer-Injection-Molding-Grade-Nucleated-with-Antistat.php](http://www.lookpolymers.com/polymer_Pinnacle-Polymers-1335-Z-Polypropylene-Homopolymer-Injection-Molding-Grade-Nucleated-with-Antistat.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	35 g/10 min	35 g/10 min	Condition L 230/2.16; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	39.3 MPa @Thickness 3.20 mm	5700 psi @Thickness 0.126 in	At 51mm/min, injection molded ASTM Type 1 specimen; ASTM D638
Elongation at Yield	8.0 % @Thickness 3.20 mm	8.0 % @Thickness 0.126 in	At 51mm/min, injection molded ASTM Type 1 specimen; ASTM D638
Flexural Modulus	1.72 GPa @Thickness 3.20 mm	250 ksi @Thickness 0.126 in	At 1.27 mm/min, 1% secant, injection molded ASTM Type 1 specimen; ASTM D790A
Izod Impact, Notched	0.320 J/cm @Thickness 3.20 mm, Temperature 22.8 °C	0.600 ft-lb/in @Thickness 0.126 in, Temperature 73.0 °F	injection molded ASTM Type 1 specimen; ASTM D256

## Contact Songhan Plastic Technology Co.,Ltd.

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