Pinnacle PP 1508

Polypropylene Homopolymer

Pinnacle Polymers

Message:

7.9 MELT FLOW HOMOPOLYMER FOR FIBER SPINNING

Pinnacle Polymers Polypropylene 1508 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 product is intended for fiber spinning and other critical extrusion applications.

The 1508 product provides:

Excellent color and processing stability

Superior fiber spinning characteristics

Resistant to gas fading

Excellent UV stability

Excellent cleanliness

General Information

Features

Pinnacle's polypropylene, as marketed by Pinnacle Polymers, 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.

Clean/High Purity

	Food Contact Acceptable				
	Gas-fading Resistant Good Color Stability Good Processing Stability				
	Homopolymer				
Uses	Fibers				
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1a				
Forms	Pellets				
Processing Method	Extrusion				
	Fiber (Spinning) Extrusion				
	Fiber (Spinning) Extrusion				
Physical	Nominal Value	Unit	Test Method		
Physical Density		Unit g/cm³	Test Method ASTM D1505		
	Nominal Value				
Density Melt Mass-Flow Rate (MFR) (230°C/2.16	Nominal Value				
Density	Nominal Value 0.900	g/cm³	ASTM D1505		
Density Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) Mechanical Tensile Strength ¹ (Yield, 3.20 mm,	Nominal Value 0.900 7.9 Nominal Value	g/cm³ g/10 min	ASTM D1505 ASTM D1238		
Density Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) Mechanical	Nominal Value 0.900 7.9	g/cm³ g/10 min	ASTM D1505 ASTM D1238		
Density Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) Mechanical Tensile Strength ¹ (Yield, 3.20 mm, Injection Molded) Tensile Elongation ² (Yield, 3.20 mm,	Nominal Value 0.900 7.9 Nominal Value 35.2	g/cm³ g/10 min Unit MPa	ASTM D1505 ASTM D1238 Test Method ASTM D638		
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Notched Izod Impact ⁴ (23°C, 3.20 mm, Injection Molded)	32	J/m	ASTM D256
NOTE			
1.	Type I, 51 mm/min		
2.	Type I, 51 mm/min		
3.	Type I, 1.3 mm/min		
4.	Туре І		

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